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The

CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2906
VOL. CXXIII

OCTOBER 19, 1935

Annual Subscription (with
Diary) 20/- Single Copies 9d.U
G
B

THE INDISPENSABLE DISPENSING SERVICE

THE special U.G.B. process of Sterilizing by passing every single bottle through boiling distilled water and drying in super-heated filtered air has proved a boon to the busy dispenser.

**STRAIGHT FROM SEALED
DUSTPROOF CARTONS!**

**UNITED GLASS BOTTLE
MANUFACTURERS • LIMITED**

*The Largest Manufacturers of Glass Bottles in Europe
40-43 Norfolk St., Strand, London, W.C.2*

*Telephone: Temple Bar 6680 (10 lines)
Telegrams: "Unglaborian, Estrand, London"*



THE PERFECT PAIR Cap & Bottle Manufactured by U.G.B.

A Pharmaceutical Product



send for terms

PARKER, DAVIS & COMPANY
50. BEAK ST.
W. I.



**STYPTIC PENCIL (Patent) IN UNSPLITABLE HANDLE
LONDON MADE**

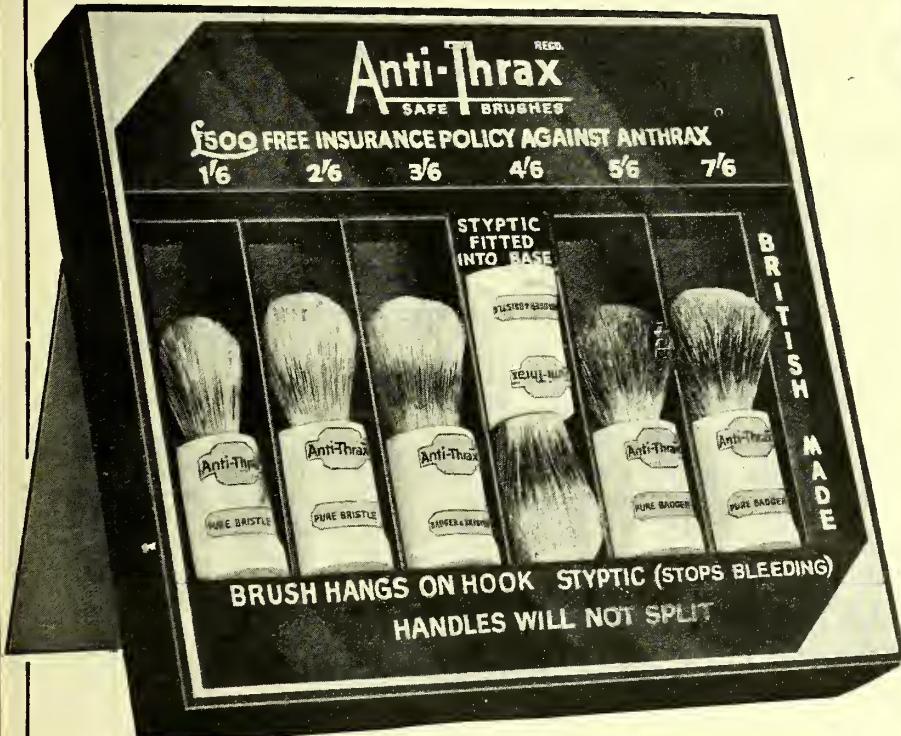
£500 FREE INSURANCE POLICY AGAINST ANTHRAX

No.			Trade
1	PURE BRISTLE ...	Small, Each Cartoned ...	12/-
2	Do. ...	Medium, Each Boxed ...	20/-
3	BADGER & BRISTLE	Hook Supplied ...	28/-
4	Do.	With Hook & Styptic Pencil	36/-
5	Do.	Do.	44/-
6	Do.	Do.	60/-
9	PURE BADGER ...	Do.	84/-
10	Do. ...	Do.	100/-
11	Do. ...	Do.	124/-
16	BEST BADGER ...	Do.	140/-
17	Do. ...	Do.	172/-
18	Do. ...	Do.	204/-



No. 4. Doz. 36/-

Styptic (Patent)
Hanging Device ,,
Handle (Reg. Design)
Boxes (Reg. Design)



**GLASS TOPPED
SHOWCASE
FREE**

WITH ONE EACH BRUSHES

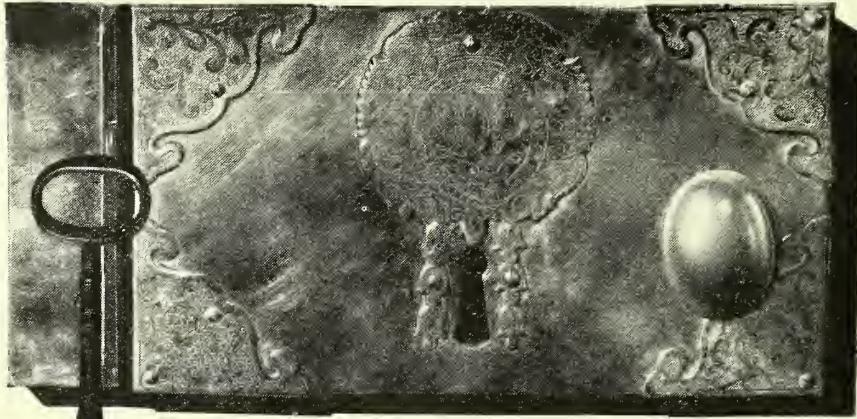
Nos. 1, 2, 3, 4, 5 & 6

16/6

Retail Value of Brushes 25/-

ORDER TO - DAY FROM YOUR WHOLESALER

WHOLESALE HOUSES ONLY SUPPLIED DIRECT BY THE
PROPRIETORS OF HAX AND ANTI-THRAX PRODUCTS
EDWARD HACK LTD., 73 TO 78 HIGH HOLBORN,
LONDON, W.C.1. HOLBORN 1000, 6000, 9000



You Hold the Key

that opens the door to greater sales, the increased business which follows planned advertising. Successful advertisers always use the "News of the World"; many of the largest build their markets upon its national influence.

THERE ARE 3 MAJOR POINTS:—

1. "The Sunday press is a complete sales campaign in itself, unrivalled because the reader is at leisure to study and respond to the advertisements" says the "Advertiser's Weekly."
2. Readers of Sunday newspapers comprise one in three of the population.
3. The "News of the World," with its sale exceeding 3,350,000, covers nearly 25% of them every issue.

The far-seeing merchant contemplating sales extension through advertising cannot secure a more complete appeal at a more economical rate (*less than 4d per single column inch per 1,000 copies*) than through the



The most powerful sales medium in advertising

30 BOUVIERIE ST., LONDON, E.C.

SALES LARGELY EXCEED 3,350,000 COPIES PER ISSUE

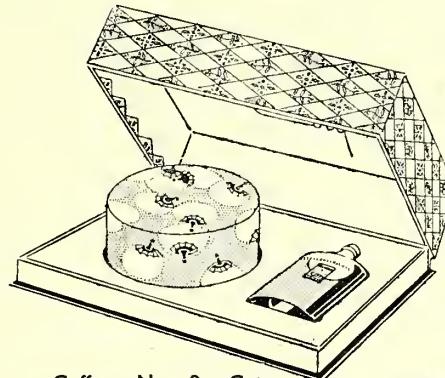
For good taste and good business *feature* **COTY GIFTS**

COTY have planned for record Christmas trade this year, with an outstanding range of coffrets and other popular gift presentations. Backed by the large-scale advertising in the leading national newspapers COTY Gifts will be the order of the day. Be sure your shop becomes the local centre for COTY Gifts by displaying them in your windows and on your counters together with the specially designed and attractive show material, which will be supplied with your order.



Coffret No. 23 containing de luxe flacon of perfume with carved stopper. There is a note of exquisite luxury about this coffret which makes it a gift of distinction.
In L'Aimant, L'Origan, Le Muguet, Paris.

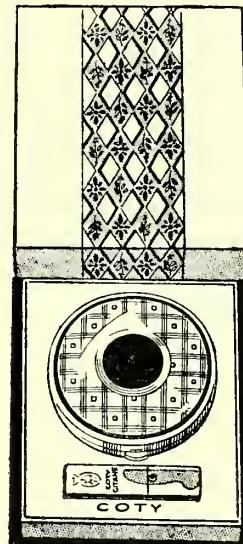
21/- retail



Coffret No. 9. COTY Face Powder in the famous "powder-puff" design box, and a bottle of Perfume to match. In assorted shades and perfumes.

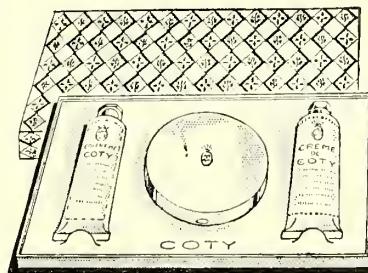
5/- retail

No. 15 with a larger bottle of perfume 8/6 retail



Coffret No. 13 containing COTY Pressed Powder in an attractive Lacquer Box—the latest handbag accessory—and Gitane Lipstick in Gilt Case.

6/9 retail



Coffret No. 3, a most practical gift, containing COTY Foundation Cream, Cleansing Cream, and a "platinum tone" COTY Compacte.

3/9 retail

Order stock now

COTY (ENGLAND) LIMITED, COTY HOUSE, 3 STRATFORD PLACE, LONDON, W.I.
Telephone: Mayfair 7244-9. Grams: Paricoty, Phone, London.

C.F.H.64

**JUVIGOLD
DUCTLESS GLAND TONIC**

OCT 30

Only 11 more days

TO HAVE ADVANTAGE OF
BIG BONUS OFFER

With every

$\frac{1}{2}$ doz. 3/- Juvigold liquid
$\frac{1}{2}$ doz. 3/- Juvigold tablets
TOTAL COST 13/6

You receive

$\frac{1}{2}$ doz. 5/- Juvigold liquid
$\frac{1}{2}$ doz. 5/- Juvigold tablets
TOTAL VALUE 28/-

Don't let this opportunity pass. For the small outlay of 13/6 you can test the remarkable sales possibilities of Juvigold and, incidentally, make over 100% profit while doing so.

Send for your bonus parcel and supply of compelling show material.

A small display will bring you many new customers.

•
USUAL WHOLESALER OR DIRECT

**THE MIDDLESEX LABORATORY OF GLANDULAR
RESEARCH LTD., 21 Farringdon Avenue, London, E.C.4.**

Telephone : Central 1901

Telegrams : Glandoc, Lud, London

THE YEAR'S BIGGEST TRADE SUCCESS

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HAX Aspirin

LOWEST PRICES IN ENGLAND
FULL 5 GRAIN B.P. STANDARD



8^d per doz.
GLASS TUBES
OF 10 TABLETS
PACKED 3 DOZ.
IN DISPLAY BOX



2/- Doz. bottles
of 30 Tablets
4/- Doz. bottles
of 70 Tablets
8/- Doz. bottles
of 150 Tablets
PACKED 1 DOZ. IN DISPLAY BOX

WHY PAY MORE
ORDER TODAY FROM YOUR WHOLESALER

WHOLESALE HOUSES ONLY SUPPLIED DIRECT BY THE PROPRIETORS OF
HAX AND ANTI-THRAX PRODUCTS EDWARD HACK LTD., 73 TO 78
HIGH HOLBORN, LONDON, W.C.1. HOLBORN: 1000, 6000, 9000

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JOHN THOMPSON (WHOLESALE DRUGGISTS 1921) LTD.

27/35 DUKE STREET, LIVERPOOL

Telegraphic Address: Drugs, Liverpool

Telephone No. 1434 Royal

Enquiries Invited for

DRUGS, GALENICALS, PILLS, TABLETS,
CHEMICALS, PATENT MEDICINES, CHEMISTS'
SUNDRIES, PHOTOGRAPHIC SUPPLIES,
TOBACCO AND CIGARETTE AND PACKED
PHARMACEUTICAL SPECIALITIES

Our Laboratories are under the constant supervision of a highly qualified Staff

ALL ORDERS DISPATCHED SAME DAY AS RECEIVED



Here to-day

Gone to-morrow!

- THAT'S
HOW THE
VENO
PRODUCTS
SELL



One of the most appreciated points about the VENO products is the remarkable speed with which they sell. "Here to-day — gone to-morrow" is an apt description of the experiences of thousands of chemists. Dr. Cassells Brand Tablets for the Nerves, Venos Brand "Lightning" Cough Cure and Germolene Brand Ointment are all non-stop profit makers. A huge advertising appropriation keeps sales on the increase. Write for details of terms and free display material.

VENO DRUG COMPANY LTD.

for lines that PAY!

VENO DRUG COMPANY LIMITED • VENO BUILDINGS • MANCHESTER • 16

**YOUR COUGH SWEET
FOR THE
COMING WINTER SEASON**



ALL FOURS CUBES

which cannot be sold by Grocers, Sweetshops, etc. They should be to the fore in your Pharmacy, as their sale is restricted to those who are entitled to the privileges of the Known, Admitted and Approved exemption.

All Fours is an inexpensive Cough Sweet, sold in bulk, with attractive two-colour envelopes for packing all.

FREE DISPLAY JAR

is available with all orders of 14 lbs. and over; also a plentiful supply of forceful showmatter.

7 lbs.	@	1/4
14 lbs.	@	1/3
28 lbs.	@	1/2
56 lbs.	@	1/1
112 lbs.	@	1/-

RETAIL 2^{D.} PER OZ.

Note the large 6d. tin available packed in show outers of half a dozen. 3/9 per dozen tins.



**ARTHUR H. COX & CO.
Manufacturing Chemists
Brighton**

LTD.

EXTRACTS

SOLID & LIQUID

MEDICINAL RESINS • RESINOIDS
OLEO-RESINS • EXPRESSED JUICES
ESSENTIAL OILS

EXTRACT
IPECAC. LIQ.
B.P.

Powdered Digitalis
Prepared Ergot
Powdered Belladonna

Solid and Liquid
Medicinal Preparations
Medicinal Spirits
in bond for Export

WILLIAM RANSOM & SON LTD.
ESTABLISHED 1846
MANUFACTURING CHEMISTS
HITCHIN near LONDON

WHOLESALE AND EXPORT ONLY

8^{D.}
PROFIT
ON
AN
OUTLAY
OF
10^{D.}
OR
80%



SOLD
BY
CHEMISTS
ONLY

MADE
IN
OUR
LONDON
LABORATORIES

Retail Price 1/6 per Jar. Chemists' Price 10/- per doz.

LABORATORY DEPARTMENT
ARMOUR AND COMPANY

LIMITED
 ARMOUR HOUSE, St. MARTIN'S-LE-GRAND,
 LONDON, E.C.1.

Telegrams: "ARMOSATA-CENT," LONDON
 Telephone: NATIONAL 2424



MAW CHRISTMAS MERCANDISE IS BREAKING ALL RECORDS

★ Maw has recently released THE GREATEST RANGE OF CHRISTMAS MERCANDISE ever known. Its success at the hands of the trade has been instantaneous. Early reports indicate that our customers are co-operating with us on a larger scale than ever before.

This sparkling program is described in the 1935 Maw Christmas List with its gleaming aluminium cover, and its 40 pages of modern merchandise. Customers say it is the finest Xmas list ever published !

It will pay you more than ever before to visit the recently extended Maw Showrooms at Aldersgate Street, which have now been redecorated in the modern manner. You are assured of a hearty welcome.

Maw is staging special exhibitions of this record-breaking range in most cities in the British Isles. Don't fail to see the Maw representative when he is next in your locality.

★A F E W H I G H S P O T S FROM THE NEW PROGRAM

- MERITOR CHRISTMAS TOILET BRUSHWARE
- MERITOR MATCHED BRUSH GIFT SETS
- MERITOR ZIPPER TRAVEL TOILET KITS
- MERITOR AND NUSTYLE TOILET PREPARATIONS
- MAW MATCHED GIFT TOILET KITS
- MAW VANITOR 1935 FASHION PUFFS
- MAW—WALT DISNEY T.B. HOLDERS AND T.B.'s.
- MAW—WALT DISNEY HOT WATER BOTTLES
- MAW VANITY COMPACTS, ENAMEL AND CHROMIUM
- MAW ENAMEL AND CHROMIUM TOILET GOODS
- MAW 1935 TOILET GLASS
- MAW MANICURE MERCANDISE

THE BIG SWING IS TO MAW ● 1935 SUNDRIES LEADER

ADVERTISEMENT OF S. MAW, SON & SONS LTD., SUNDRIES CREATORS
OF REPUTE ————— 7-12 ALDERSGATE STREET, LONDON, E.C.1

**SUPERFINE
TOILET CREAMS**
OF SUPREME DISTINCTION ARE

SPUN

Registered Trade Mark

PURE GENUINE **TURTLE OIL AND TURTLE OIL CREAMS**

PRICES UPON APPLICATION TO

ROBERT BLACKIE

TOWER BRIDGE ROAD
LONDON, S.E.1

Telephones : { HOP 2422
HOP 2423
HOP 2424

Telegrams : USHENSPUNA, LONDON

VANISHING,
SKIN FOODS,
TURTLE OIL,
MASSAGE,
ROUGE,
CLEANSING,
FOUNDATION,
ETC., ETC.,
CREAMS



**THESE STANDS
CREATE BUSINESS**

The Laleek Stand as illustrated is unique both in its restrained dignity of design . . . and in its universal suitability for displaying a selection of my Preparations. You will appreciate that you are not limited to the display of the preparations shown, they may be changed at will . . . thus creating a regular interest and increasing demand for Laleek preparations.

**THE
LAEEK
DISPLAY
STAND**



The Laleek range of medically approved beauty aids, patronised by Royalty, are priced to suit all purses and cover every beauty need.
Write to me for details to-day.

ADELAIDE GREY 27 OLD BOND ST.
LONDON. W.I.

A NEW SALES ATTRACTION



"Dawn" Ravel-proof face cloths are of course in a class by themselves. Your customers appreciate their soft and durable qualities, and know they retain their shape and never get slimy. They are available in a variety of delicate pastel shades which have an immediate feminine appeal. The new display outer, holding one dozen, is most attractive and will definitely increase your sales of this popular line. Colourful, yet neat, it takes up little room on your counter, and ensures those EXTRA sales which mean so much.

They retail at 6d.
and carry a good
profit. Your
usual wholesaler
can supply you.

105/107 Princess St., MANCHESTER

"DAWN"

■ RAVEL - PROOF ■
FACE CLOTH
NEW DISPLAY OUTER



Order a trial
supply with your
next order.

London Agent :
G. H. Bolton, 28 Falcon Sq., Aldersgate St., E.C.1

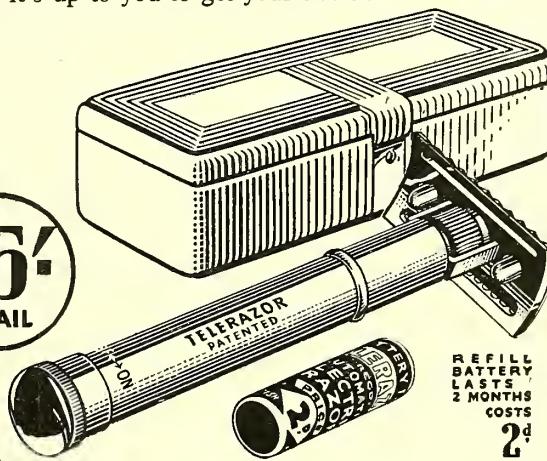
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DAILY MAIL
DAILY EXPRESS
DAILY HERALD
THE TIMES
DAILY TELEGRAPH
EVENING STANDARD
SUNDAY TIMES
DAILY EXPRESS
WEEKENDER
LADY TATLER
COUNTRYMAN
PASSING SHOW
RADIO TIMES

NATIONAL ADVERTISING
COMMENCING
NOV. 21st.

15·
RETAIL



REFILL
BATTERY
LASTS
2 MONTHS
COSTS
2d

Ask your wholesaler for full particulars, showcards and literature. In case of difficulty, write direct to : Norma Technical Products Ltd., Balfour House, Finsbury Pavement London, E.C.2.
Telephone : National 8838.
Telegrams : Normaco, Ave, London.

The Automatic-Electric
TELEAZOR
Reg'd.

THE self-contained Automatic-Electric Telerazor is one of those few things that would sell without press advertising, for it is so amazing in itself as well as in its benefits that men will talk about it because they can't help themselves. There just remains the fact that it has been made so beautiful in finish as well as scientifically perfect, and so much has been expended on its attractive make-up and display, that only big sales can justify the modest retail price. The Telerazor has been designed and priced for big sales. Therefore we have planned to make big sales secure with a soundly-conceived, impressive and *consistent* advertising campaign. And now it's up to you to get your share !

*Retailers
Please Note:-*

LISTERINE TOOTH PASTE

is now packed in the
NEW GIANT SIZE

Price to retailers **14/- per doz.**

Retailing at

1/9

per tube

showing **33¹/₃** nett profit

This introduction is being well supported by Advertisements in high-class women's magazines.

**STOCK UP AND BE READY
FOR THE DEMAND**



Made in England by

LAMBERT PHARMACAL COMPANY

38 STANDARD ROAD
LONDON, N.W.10

★ A POULTICE



THAT HAS BEEN DEVISED TO HELP YOUR CUSTOMERS

When a customer asks your advice about poulticing, recommend Medilintex. For this is the poultice dressing that retains its Aseptic and Emollient properties for 24 hours. It does away with the bugbear of an ordinary wet poultice—the constant renewal and consequent nuisance. In addition Medilintex never sticks to an open wound and has extraordinary drawing powers. In packets with waterproof material to retail at 1/- and 1/9, and $\frac{1}{2}$ -yard and 1-yard rolls at 3/6 and 6/6 each.

**NEW
6d.
PACKET**

For BOILS, Abscesses & Carbuncles.
Medilintex dressing specially prepared in appropriate sized discs, ready for immediate application, complete with waterproof cover and bandage.

Sample and further information from :

ROBINSON & SONS LTD. Wheat Bridge Mills, Chesterfield,
168 Old Street, LONDON, E.C.1

FIVEPOINT REGISTERED

HYPODERMIC SYRINGES & NEEDLES

FIVEPOINT **SYRINGES ARE**

- 1 Annealed to stand high sterilization
- 2 Pistons a precision fit
- 3 Joints are hermetically sealed
- 4 Calibrations are accurate
- 5 British Original-Records and Two-piece glass syringes
All sizes and graduations

GENERAL SURGICAL CO., LTD.
Gensurco House, Rosebery Av., LONDON, E.C.1
Phone : Clerk. 6046

**THE
"BRITISH WARM"
SEAMLESS MOULDED
HOT WATER BOTTLE**

REGISTERED **Reliance** TRADE MARK

PRODUCT
SOMETHING BETTER—TO RETAIL AT 3/11
FROM ANY SUNDRIES HOUSE

RELIANCE RUBBER COMPANY LTD.
CREMORNE WORKS, LOTS ROAD, LONDON, S.W.10 (3)

Have you had your Copy of this important Trade Folder?

— WRITE FOR IT TO-DAY

A MATTER OF
IMPORTANCE TO
EVERY CHEMIST

A New and Unique
Profit Maker

A BRITISH MADE
TOILET SOAP CONTAINING
THE CURATIVE SALTS
OF THE WATERS OF
A FAMOUS SPA



la-toja
THE NATURAL MINERAL SALTS
Toilet SOAP

UNIQUE IN THE WORLD

for the Toilet and Health
OF BRITISH MANUFACTURE

This
Interesting Folder
contains full details
of the unique

"LA-TOJA" MINERAL
SALTS TOILET SOAP

OUR GENEROUS FREE
BONUS OFFER TO EVERY
CHEMIST.

DETAILS OF THE "LA-TOJA"
NATIONAL AND LOCAL
ADVERTISING CAMPAIGNS

FREE SAMPLING SCHEME
TO THE PUBLIC

FREE DISPLAY MATERIAL FOR
YOUR COUNTERS, ETC.

LA-TOJA is an island lying
in Alora Bay on the North-
West corner of Spain and
the hot springs found there
and used by the Romans,
still well up

A large Spa now stands on
the Roman remains, and
here treatment is given for
skin afflictions and rheuma-
tism and kindred complaints.

Remember, "LA-TOJA" is an absolutely
unique Toilet Soap—it is a line you can push
with confidence—big sales and handsome profits
are assured. Don't delay—send for your copy
of this illustrated, informative folder to-day.

AJOTAL LTD., 16 WOODSTOCK STREET, LONDON, W.I.

TOOGOOD'S SOAPLESS SHAMPOO Powders



In Envelopes
Boxes of 3 dozen, 24/- per gross



In Compressed Tablets
Show Boxes of 1 dozen
24/- per dozen Boxes

Manufactured by

WILLIAM TOOGOOD LTD.
77 SOUTHWARK ST., LONDON, S.E.1

Wanie FOREIGN
9/- 100

Wanie FOREIGN
9/- 100

Wanie FOREIGN
REGISTERED
8/- GROSS

WANIE

The Blade for Every Razor!

Send for Samples to Dept. C.D.
LONDON & PROVINCIAL FACTORS, LTD.
146 THEOBALDS ROAD, W.C.1
and at
16 WITHY GROVE, MANCHESTER
Enquiries from Irish Free State invited
Wholesalers are invited to apply for Trade Terms

3'9
GROSS
BRITISH BLADES

TIM
HAND HONED

THE FAMOUS
REG'D.
RAZOR BLADE

"ODENTIC" PLATE BRUSH
Regd. No. 417637.

From all Wholesalers.

Manufacturers:
W. R. Speer & Son (EST. 100 YEARS)
215 DALSTON LANE - - LONDON, E.8

CHEMIST SIGNS

BUY DIRECT FROM
THE MAKERS

ILLUMINATED FROM 65/-
NON-ILLUMINATED FROM 47/6
SEND FOR ILLUSTRATED CATALOGUE
SCINTILLATING SIGN SERVICE
68^A COLEBROOKE ROW
ISLINGTON N.1
TELEPHONE CLERKENWELL 1310



KENT

ESTD.
1777

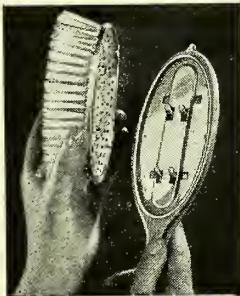
KENT-COSBY HYGIENIC REFILLABLE HAIRBRUSH

(PATENTED)

- BRISTLES TAKE OUT TO WASH
- HANDLE BACK NEVER SPOILT BY WATER

Also in Military shape. Handle backs in various finishes. Bristle refills in various qualities of pure bristle. Also with rubber cushion base.

Retail prices, with Satin Finish or coloured handles:—
7/11, 12/6, 18/6, 30/-,
45/-.



**2 ATTRACTIVE
MODERN LINES!**

THE NEW “MASSAGE” SHAVING BRUSH

(PATENTED)

“A RUB-IN MASSAGE GIVES A BARBER'S SHAVE”

- The best Shaving Brush made because the rubber massage brush attached to the end of the handle works the soap right into the roots of the beard, and gives the user all the advantages of a Barber's “Rub-in”—the secret of a perfect shave.
- Its selling points are so compelling that customers will not wait until they need a new brush, but will be induced to purchase a “Kent Massage,” thereby creating entirely new sales not available by the presentation of ordinary brushes.

Retail prices : 5/9, 10/6, 15/9, 21/-.



RUBBER
END

GENEROUS TRADE DISCOUNTS

Made in England by - Attractive Showcards Supplied - Write for further Particulars and Samples

G. B. KENT & SONS LTD. 75 FARRINGDON ROAD,
LONDON, - - E.C.I

Phone: Holborn 5066-7-8. Telegrams: Tricho, London.



£350 to Public

To introduce 'Morning Pride' to the public the proprietors have decided to run an easy and popular competition with £350 in prizes. It would not be opportune to publish details of this competition at the moment, but the prizes will be—1st Prize £150, 2nd Prize £100, 3rd Prize £50, 100 Sirami Electric Razors valued at 25/- each, and 500 Gift Jars of 'Morning Pride'.



£310 to Trade

1st Prize £30, 2nd Prize £20, 3rd Prize £10, and 50 £5 Prizes. The above Prizes will be awarded to the retailers who submit photographs of a window displaying Morning Pride' Brushless Shaving Cream, Showcards, cartons and display material and particulars of attractive Initial Order terms obtainable from the Distributors.

MORNING PRIDE

REGD.

THE RAZOR READY BRUSHLESS SHAVING CREAM

PRODUCT OF FAIRY DYES, LTD., PHARMACEUTICAL DEPT.

ADS.

From December, there will appear in all the National Dailies, Weekly and Monthly journals a great advertising campaign to consolidate the supremacy of 'Morning Pride' Brushless Shaving Cream. The market for this sound product and its establishment of goodwill with the public is assured.



Sole Distributors: FASSETT & JOHNSON, LTD., 86, Clerkenwell Road, London, E.C.I.

5/- worth of goods FREE!

... WITH EVERY 20/- ORDER ... PROFIT 43% ON SELLING!

Glazo supply the perfect manicure preparations—at the right price! You can recommend these products with confidence—particularly to customers experiencing the difficulties of nail-brittleness, dry cuticle and other troubles arising from the use of harsh and unsuitable polishes and removers.

.. GLAZO IS NATIONALLY ADVERTISED ..

GLAZO

SPECIAL £1 OFFER

Suggested Assortment	Ordinary Cost	Selling Price
1 doz. 1/3 Liquid Polish (10 Shades)	10/-	15/-
½ doz. 1/3 Oily Polish Remover	5/-	7/6
½ doz. 1/3 Cuticle Remover	5/-	7/6
	20/-	30/-

FREE BONUS

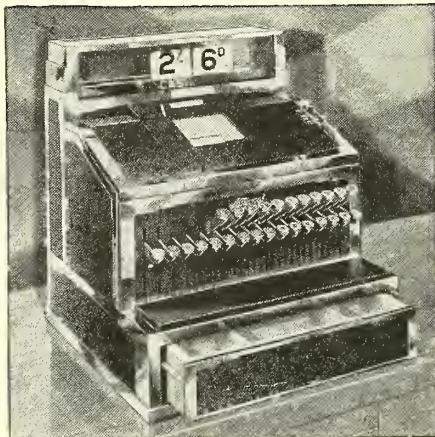
Four only 1/3 Liquid Polish (and shade), 5/-.

Therefore on a 20/- parcel you are getting 5/- WORTH FREE in addition to usual wholesale discount of 33 1/3%.



Illustrated Price List gladly sent on application to EUCRYL LTD., Southampton—Sole distributors for Glazo Ltd. to wholesale and retail chemists trade.

FREE DISPLAY STAND sent with all Bonus Orders. A wonderful "silent demonstrator" and great sales producer . . .



SOME chemists

worry about their businesses . . .

OTHERS use modern NATIONAL CASH REGISTERS

and enjoy peace of mind as well as bigger profits.

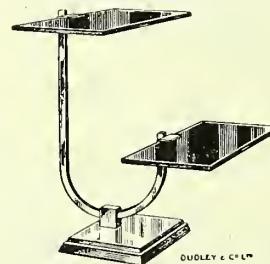
Full details:—
THE NATIONAL CASH REGISTER CO. LTD.
225 Tottenham Court Road, London, W.1

Dudleys for Display Fittings

No. C.D.F. 5278 MODERNISTIC DISPLAY STAND

Suitable for high-class display. Chromium Plated throughout. Complete with 2 Black Shelves. Height 12ins. Size of Shelves 9 x 5 ins.

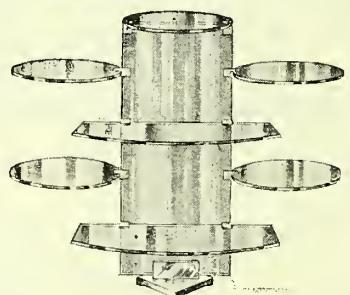
12/- each.



No. C.D.F. 5513 INVISIBLE UNIT DISPLAY STAND

Of very attractive appearance. Centre glass is 18 x 8 ins. and is fitted with five 8 in. circles and two bow-front shelves, size 15 x 5 ins. Complete with Chromium Plated clips and base.

23/- complete.



Send for our Catalogues Nos. CD 1600 & CD 1615.

DUDLEY & COMPANY, Limited

451 Holloway Rd., London, N.7. Phone: Archway 1616.

City Showrooms: 65 FORE STREET, E.C.2

New Packs for Pond's

**JARS AND TUBES RE-STYLED
TO MATCH THE REST OF THE FAMILY**



BY November 1st Pond's two creams will be marketed in the same jade-green colour scheme already adopted for their other products — the big jars matching the smart little "sixpennies" which have proved such a success. Supplies of the new-style jars and tubes of Pond's Creams will be available either direct from the Company or through the wholesaler.

REDUCE YOUR OLD STOCKS

To enable our clients to dispose of their stocks of old-style containers, no press advertising for the new style will be made until after January 1st, 1936, since Pond's will be unable to accept old-style jars and tubes for credit or exchange. We would remind clients that no doubt a demand for the old-style packing will persist for some time after the introduction of the new.

SPECIAL ORDERING FOR OCTOBER

In order to meet demands for Pond's during October — the month previous to the change-over — Pond's will accept assorted orders for all lines to the value of £1, to include old-style jars and tubes, at best prices, carriage paid, providing clients have previously ordered £3 or £5 parcels direct or through wholesalers.

NEW DISPLAY MATERIAL

Very attractive display pieces for the Pond's ensemble will be available about the middle of November. SEE THAT YOU HAVE THEM.

Awarded Certificate by
The Institute of Hygiene
for Purity—Quality—Merit

LOCARNO MEDICATED TOILET ROLL

COSTS 33/-
per gross



SELLS AT 72/-
per gross

Sales restricted
to Chemists

You are sure of repeat orders
by selling the "LOCARNO"
**Contains 650 sheets of pure
white sulphite paper**

Free delivery in United Kingdom
(Ireland excepted)

Packed in $\frac{1}{2}$ gross cartons

Free sample roll on application

Each Roll 12 oz.

Sole Manufacturers
J. RUTHERFORD & CO LTD
VICTORIA PAPER MILLS,
VICTORIA RD., HOLLOWAY, LONDON, N.7

CONTRACTORS TO H.M. GOVERNMENT

ACCOSON'
TRADE MARK

CLINICAL THERMOMETERS

Guaranteed Lifetime accuracy

- Perfect Finish
- Easy to Read
- Indelible Markings

when next ordering clinicals
ask your Wholesale House to
supply **ACCOSON'** made

TRADE MARK

Customer's name engraved on back
of thermometer at no extra charge

NOW SUPPLIED IN INDIVIDUAL CARTONS

Obtainable from

ALL LEADING WHOLESALE HOUSES

A. C. COSSOR & SON LTD (THERMOMETERS)

ACCOSON WORKS, VALE ROAD,
FINSBURY PARK, LONDON, N.4

The Leading British House for all types of THERMOMETERS for over 75 years

□ □

An invaluable protection
after Sprains or Fractures

VIC
Regd.

WRIST SUPPORT

Patent No. 410258



Essential for use after the removal of splints.
Popular with all sportsmen and sportswomen
for its economy and reliability.

PRICE 9/- EACH

Stocked in Natural, Flesh and Tan, by all leading Wholesalers.
Sole Manufacturers : GROUT & CO. LTD., LONDON, E.C. 2



**SOUTHALL'S
SANITARY
TOWELS**

The preference
of women
for Southall's
Sanitary
Towels
brings steady
sales all the
year round.

The "ORIGINAL" and most
popular.
The "CELTEX" soluble, easily
disposed of.
The "K" made entirely of absorbent
cotton wool, with very soft cover.
The "COMPRESSED" for travel-
ling. A very popular line.

SOUTHALLS (BIRMINGHAM) LTD.

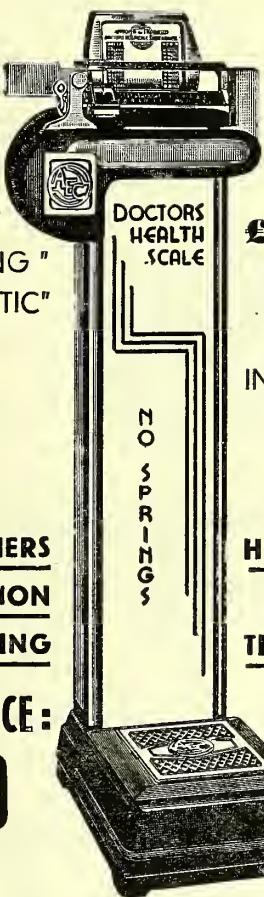
● Introducing the ●
**"DOCTORS'
 HEALTH SCALE"**

The Ideal Scale for Chemists
 No Springs to go out of order

TROUBLE FREE

AMAZING
 EARNING
 CAPACITY

"NOVEL"
 "APPEALING"
 "AUTOMATIC"



AVERAGE
 EARNINGS
 10
 MACHINES
 4 WEEKS
£2.4.5
 PER WEEK
 PER MACHINE

PROOF
 INSPECT OUR
 BOOKS

★
CUSTOMERS
FASCINATION
WEIGHING
TERMS:

CASH PRICE:

£30

£32
 10S.

Week's Trial to Approved Customers. Please cut
 this out and post to :—

**AUTOMATIC MACHINE CO. LTD.
 HONG KONG WORKS - WEMBLEY**

Please forward to :.....

Address.....

One Doctors' Health Scale Packed Free on One
 Week's Trial, on the understanding that in the
 event of non-purchase the machine is to be re-
 turned carriage paid to Wembley, and the money
 earned during trial period to be sent to you.

Advertisements are now
 commencing in the press
 featuring the

new

PERMA-GRIP
REGD. TRADE MARK
**Pro-phy-lac-tic
 TOOTH BRUSHES**

*The
 bristles are
 fastened for ever-
 Can't come
 out*



MADE IN 3 SIZES
 & 3 TEXTURES

SELLING FOR

2/- each	ADULT SIZE
1/6 each	YOUTH'S SIZE
1/- each	BABY SIZE

PRICES TO RETAILERS

16/- doz.	ADULT SIZE
12/- doz.	YOUTH'S SIZE
8/- doz.	BABY SIZE

BRITISH MADE

LAMBERT PHARMACAL COMPANY

38 Standard Road, N.W.10

Sole Distributors in Gt. Britain and N. Ireland
 for Pro-phy-lac-tic Brushes

**The
POCKET TIN
that
PROFITS
your
POCKET**

Flexoplast
Regd.

**Flexible
PLASTER
DRESSING**

This handy first-aid dressing provides the ideal relief and protection for all minor wounds. Keep it well displayed — it is selling in large quantities everywhere.

In pocket tins at 3d., 6d. and 1/-

From all Wholesale Houses

Publicity matter direct from the Manufacturers—

**EDWARD TAYLOR LTD.
MONTON, Lancashire**

Established 1847

GLASGOW - BIRMINGHAM - LONDON

T. F. 59

Feature this line with your DYANESE DYES and make every sale a 'double' sale



A Safe Dye Remover which enables fabrics to be re-dyed a lighter shade thus greatly increasing the scope of home dyeing. Price 32/- per gross.

'STRIPPIT'

THE SAFE DYE REMOVER



DYANESE Fadeless Curtain Dyes dye without heating and yet are fadeless. There is an excellent range neatly packed in special and very charming shades.

Retail 3d.

Price 24/- gross.

Agents for Northern Ireland : Messrs. T. McMuillan & Co. Ltd., Victoria Street, BELFAST.

Agents for Irish Free State : Messrs. May Roberts (Ireland), Ltd., Grand Canal Quay, DUBLIN.

Agents for Great Britain : Messrs. W. B. Cartwright, Ltd., RAWDON, LEEDS



The famous "Town Talk" Liquid Silver Polish, Silver Plate Cloth, Liquid Pewter Polish, Chromium Plate Cloth, and Cut Glass Cloth, afford you five ways to a woman's purse. They are consistently advertised in women's newspapers and journals, and their qualities make them quick-selling, repeat-order lines.

Push the "Town Talk" 5, they yield a good profit and bring customers into your shop.

ORDER DIRECT OR FROM

MANCHESTER :

James Woolley Sons & Co., Ltd.

LEEDS :

Goodall, Backhouse & Co.

LEICESTER :

E. H. Butler & Son.

LONDON :

Brooks & Warburton, Ltd., May, Roberts & Co., Ltd.

LIVERPOOL :

Ayrton, Saunders & Co. Ltd.

THE TOWN TALK POLISH CO. MANCHESTER

INSTAL A SCOTT'S LIBRARY INCREASE YOUR TURNOVER

By installing a SCOTT'S LIBRARY there is no need to buy books. You will have an unlimited stock of the most popular works of fiction at your disposal, and in addition you are assured of every assistance in maintaining a complete and up-to-date Library.
THE BEST SERVICE WITH THE BEST BOOKS

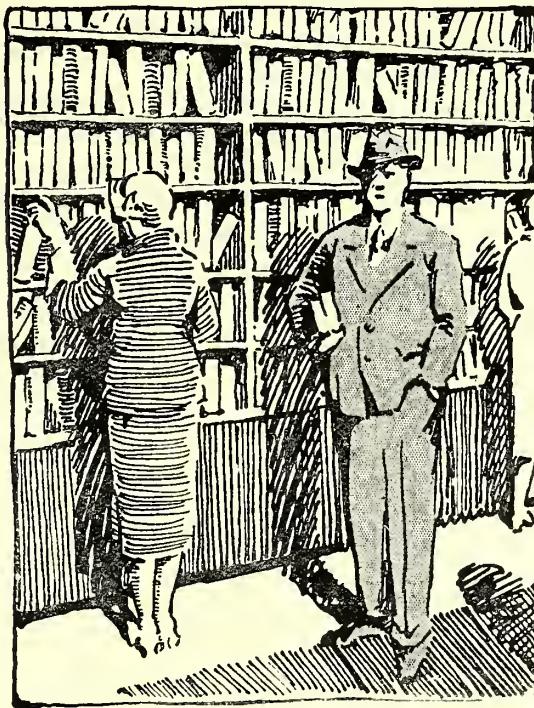
**NO CAPITAL OUTLAY
NO RESTRICTIONS
NO OVERHEAD COSTS
NO RISK OF USELESS STOCK**

Very simple. Rent a SCOTT'S LIBRARY, which requires the minimum of your time and attention. It will show you a handsome profit, and ATTRACT NEW CUSTOMERS TO YOUR SHOP.

Write for particulars :—

CITY 3906

SCOTT'S LIBRARIES LTD.
42 NEWGATE STREET, LONDON, E.C.1



Of great service to Dispensers

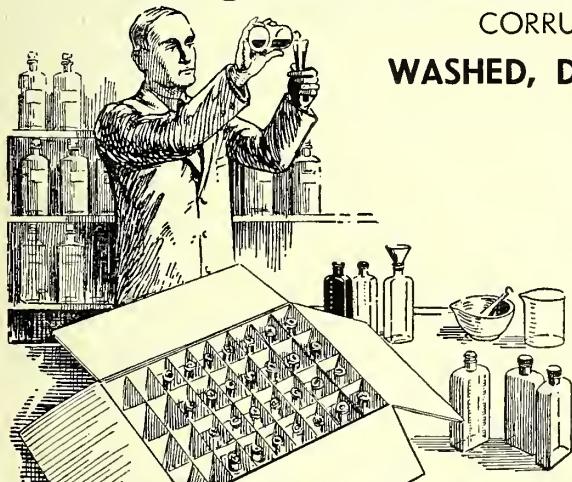
CORRUGATED CARTONS CONTAINING
WASHED, DRIED AND PAPERED OR CAPPED
MEDICAL BOTTLES

in the following sizes and quantities
in non-returnable cartons.

6 doz. each 1 oz. and 2 oz.
4 doz. each 3 oz. and 4 oz.
3 doz. each 6 oz. and 8 oz.
2 doz. each 10 oz. and 12 oz.
1 doz. each 16 oz. and 20 oz.

We also supply Medical Flats in open
corrugated Cartons as follows:

12 doz. 3 oz., 8 doz. 4 oz.
6 doz. each 6, 8, 10, 12 & 16 oz.



Three Factories :—
ALBERT
CLARENCE
DONISTHORPE

Lax & Shaw Ltd
ALBERT GLASS WORKS, LEEDS. 10.

Telephone: 21568 (2 lines) Telegrams: "Feeders," Phone, Leeds



A whole first-aid outfit in a bottle!

Order now your stocks of Plastosol, the anti-septic liquid plaster which is being used by doctors and hospitals throughout the Country. A national advertising campaign is creating a demand from the general public for the handy 1/3 and 2/6 bottles of Plastosol—get your share of the trade.

What it does :—

1. Sterilizes the wound and stops the bleeding.
2. Forms into a thin flexible covering which acts as an anti-septic dressing.
3. Eliminates the need for dressings and bandages.
4. Prevents suppuration and hastens healing.

'PLASTOSOL'
TRADE MARK
BRAND

ANTISEPTIC WOUND PLASTER

Manufactured by
A. de St. Dalmas & Co. Ltd. Leicester
And at London, Leeds, and Bradford

MENE

SALES ARE AS REGULAR AS THE CLOCK

An unfailing demand for MENE has distinguished this famous towel for nearly half a century. The incomparable quality of its texture is the surest guarantee of its continued popularity with the buying public.

ROBINSON & SONS LTD. CHESTERFIELD & LONDON

Harry Foot,
66 HANOVER ST., LIVERPOOL 1
Telephone No.: ROYAL 202
Prices and Samples on application

F. MAUND & E. BERG (SHOWCASES) Ltd.
SHOPFITTERS & SHOPFRONT BUILDERS
175/9 OLD STREET, LONDON, E.C.1
Telephone : Clerkenwell 1782/3
are offering for sale, at competitive prices,
an extensive and exceptionally full range of
Chemists' Fittings, Second-hand and New.

It will pay you to buy DIRECT from the Manufacturers

Dania *REGD. BRAND*

SULPHUR CANDLES

RICHARD DANIEL & SON LTD

PHONE : DERBY 2222 (3 LINES)

GRAMS: DANIA, DERBY

Mansfield Rd. Derby

ALSO MAKERS OF FORMALDEHYDE FUMIGATORS FOR USE WHERE A LIGHT IS DANGEROUS

Dania Brand Sulphur Candles are made with the finest Sulphur, free from Arsenic and Selenium. They light easily and burn safely and freely. Made in two sizes, nominal 1lb. and 1lb.

"Health in a Handbag"

Convenient to carry — and to take

For adults capsules are the most convenient form of Crookes' Oil. One capsule after meals supplies all the vitamins A and D necessary to maintain perfect health. Could anything be more simple? A tremendous sale is assured by means of the intensive public press campaign to which the Pharmacy is linked by attractive window displays. You are urged to write at once for full particulars.

CROOKES' PURE HALIBUT LIVER OIL

COLLOSOL BRAND (Regd.)

THE CROOKES LABORATORIES
(British Colloids Ltd.)
PARK ROYAL, LONDON, N.W.10

70% PROFIT ON OUTLAY

It's a
P.A.T.A.
line with

Dr. Scholl's WINTER LINES

good profits—quick sellers

Dr. Scholl's WARM FOOT Arch Rest

Extensive advertising has made this product a popular Winter Winner.

Dr. Scholl's Warm Foot Arch Rest provides comfortable warmth because it is made of soft flannelette, impregnated with a special preparation, Capsicum. It also provides support for the instep arch by means of a soft resilient pad which is accurately shaped and correctly placed.

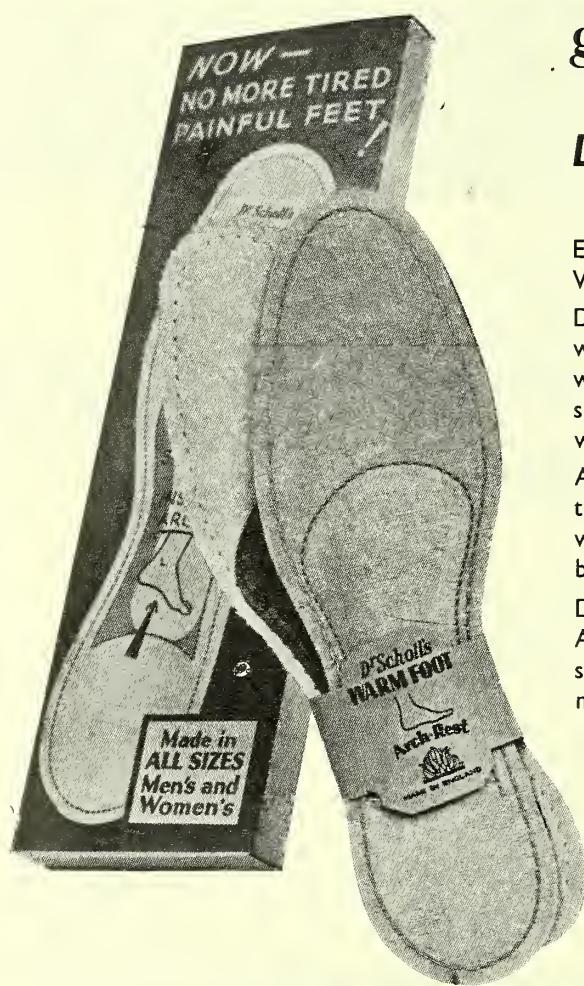
A Window Display with the attractive Showcard which we will supply will bring you many customers.

Dr. Scholl's Warm Foot Arch Rest is made in all shoe sizes (solid sizes) for men and women.

WHOLESALE, 12/-
per doz. pairs

RETAIL, 1/6 per pair

ORDER FROM YOUR
WHOLESALE



Dr. Scholl's CAPSICUM INSOLES

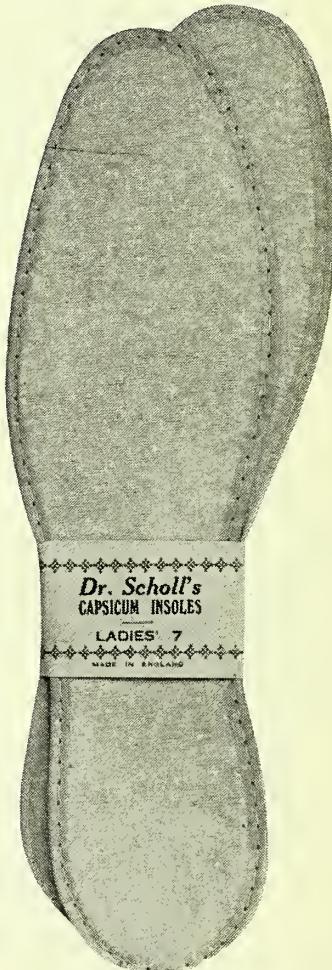
An inexpensive and highly efficient Insole. Impregnated with the special preparation, Capsicum. Keeps the feet warm and dry. Comfortable to wear in shoes or slippers.

Each pair packed in transparent envelope.

Sizes : Men's 6-11 ; Women's 3-7 ; solid sizes.

WHOLESALE, 33/- per gross pairs

RETAIL, 4½d. per pair



The Scholl Mfg. Co. Ltd.

182/194 St. John Street, London, E.C.I

BROOKLAX

now a "Chemists' Friends" line

AGREEMENT SIGNED WITH THE N.P.U.

The Chemists' Friends Movement is the most important development in the Trade in recent years. It is quite impossible to estimate the loss that has resulted from the sale of legitimate chemists' lines by grocers and other traders.

We are proud that we were amongst the first to join the Chemists' Friends Movement. It is our intention to support, up to the hilt, this great scheme sponsored by the N.P.U. It only requires chemists throughout the country to do their part to make it an unqualified success—with far-reaching benefit to the trade.

For our part, we can assure chemists of our whole-hearted co-operation and we invite all chemists to write for details of special offers which we are making to encourage the scheme.

BROOKLAX

*is an entirely British product
with quality second to none*

BROOKLAX

trade discounts are most liberal

BROOKLAX

*is retailed at
8 tablets for 6d.
24 tablets for 1/3*

There is also a popular 2d. pack



BROOKLAX



never lets chemists down

WESTMINSTER LABORATORIES LTD., 4-12 PALMER STREET, LONDON, S.W.1

October 19, 1935



Professor Flint

HAS ARRIVED
AND IS AT YOUR SERVICE!

Professor Flint will in future appear in all I.B.C.
advertisements. His features will become well-
known and immediately associated with I.B.C.
product and policy.

THE INTERNATIONAL BOTTLE CO. LTD.
48, FORE STREET, LONDON, E.C. 2

PHONE: MET. 6161 (4 LINES) GRAMS.: AUTREFOIS, TELEX, LONDON

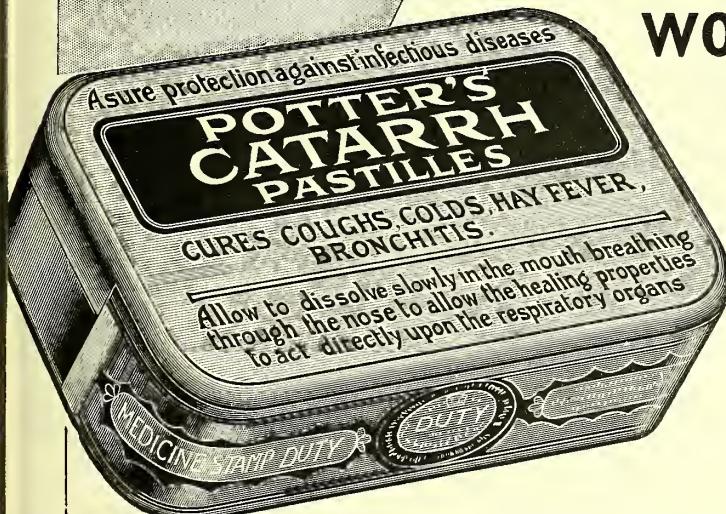
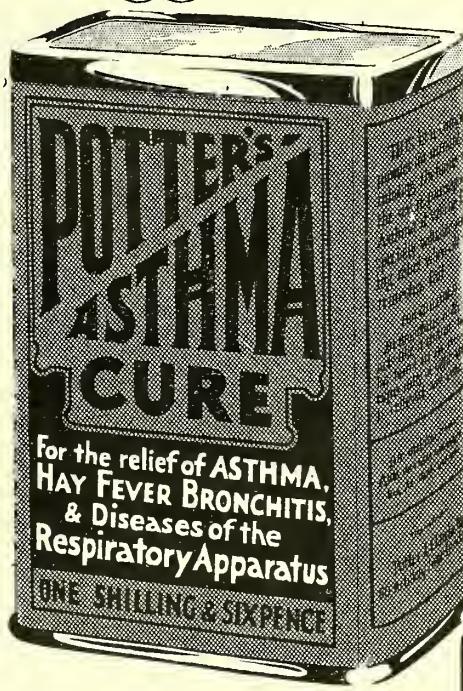
ALL

3

HELP YOU... to

create bigger Sales!

- ★ BONUS TERMS
- ★ NATIONAL ADVERTISING
- ★ 60 YEARS A HOUSEHOLD WORD

P.A.T.A. 1/3, 1/- Doz.
Packed in $\frac{1}{2}$ Doz.RETAIL 1/-
WHOLESALE 14/- Doz.
Packed in $\frac{1}{2}$ doz.

POTTER'S ASTHMA & CATARRH REMEDIES

Consistently advertised in all the great national newspapers thus ensuring a big demand . . .

POTTER & CLARKE

60-64 ARTILLERY LANE, LONDON, E.1

77 DANTZIC STREET, MANCHESTER, 4

Phone : Bishopsgate 4761 (5 lines)

Grams : Horehound, Phone, London

Phone : Blackfriars 8734

Grams : Horehound, Manchester

BONUS TERMS

POTTER'S ASTHMA REMEDIES
and CATARRH PASTILLES

On orders for 6 doz. Potter's Asthma Remedies and / or Catarrh Pastilles we offer a bonus discount of 5% (Journey account, or if no journey, monthly account) in return for a window display of these goods. The prices of Potter's Advertised remedies are :

Potter's Asthma Cure 14/- doz.
Potter's Asthma Cigarettes 14/- doz.
Potter's Smoking Mixture 7/- doz.
Potter's Catarrh Pastilles 11/- doz.



Britain's Permanent Medical Centre

Manufacturers' Display of Medical and Surgical Requirements

BRITISH INDUSTRIES HOUSE

MARBLE ARCH, LONDON, W.1

Telephone : MAYFAIR 8080

The AUTOMATIC WEIGHING

& PACKING MACHINE CO.

Prop.: Arthur R. Smith (23 years Southall & Smith Ltd.)

Invite your enquiries for Machines to weigh or fill
Powdered or Granular Materials, Seidlitz Powders,
Face Powders, Epsom Salts, etc. Repairs, Overhauls
and Spares for any make or type of Machine.

22 CAROLINE ST., BIRMINGHAM

Phone: Central 1069. Groms: Autopock, Birmingham.



SHADEINE

FOR TINTING GREY HAIR

This popular article is largely advertised
and stocked by all Wholesale Houses.
Trial size 8d. per doz. 6/-
1/4 size, per doz. 12/-
2/6 size, per doz. 24/-
3/9 size, per doz. 36/-

The SHADEINE Co., 49 Churchfield Road, Acton, W.3.

ALL CHEMISTS SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits.
Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale
Houses. Attractive Display Material constantly available.
DUNCAN McGlashan LTD., ABDINEWORKS, WESTFIELD RD., EDINBURGH

IONIZED IODINE

(MOLSON BRAND)

Obtainable from the usual wholesalers or the makers

MOLSON IONIZED IODINE CO. LTD.
34 C, GABRIEL'S HILL, MAIDSTONE

ENGLISH OIL OF CAMOMILE

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News of the Week

Key Industry Duty Exemption Application

Application has been made to the Board of Trade under Section 10 (5) of the Finance Act, 1926, for an Order exempting a photographic camera with supplementary stand and separately mounted lenses, specially adapted for use with a high-speed centrifuge for the optical analysis of proteins in liquids, from liability to key industry duty. Communications should be addressed to the Principal Assistant Secretary, Industries and Manufactures Department, Board of Trade, Great George Street, S.W.1, on or before October 28, 1935.

Aids to Efficiency

The gleam of a chromium cash register at the Business Efficiency Exhibition, White City, London, W.12, suggested that among an array of office appliances and systems there might be items of closer concern to retailers. Further inspection showed that this was the case. For example, there was a machine that printed and cut to the required size gummed labels from a continuous adhesive band. The same machine could be used for overprinting labels, leaflets and cartons with the retailer's name and address, and was hence of practical utility to chemists concerned with Poisons Regulations. A simple system that can be used for obtaining up to three carbon copies of orders for goods, telephone messages or for invoices or delivery notes to customers was another article seen. This was a "portable register" of steel, with steel writing bed. A trigger partially ejects the forms and simultaneously releases a drawer in which the duplicates can be placed until required. Closing the drawer leaves the pad all ready for use again without insertion of carbons. Other and heavier forms of this apparatus were available for counter use. Among cash registers that with "autographic" device which prevents the till from being opened without some kind of record being made was featured. English-made registers were shown for which

the makers claimed equal efficiency with the best of the foreign at much less cost. Of more interest to manufacturers than to retailers were steel cycle racks and warehouse shelving, duplicating machines, postal frankers and internal telephones. Among exhibitors well known in the drug trade were G. H. GLEDHILL & SONS, LTD. (cash registers); IMPERIAL TYPEWRITER Co., LTD. (typewriters); LAMSON PARAGON SUPPLY CO., LTD. (stationery systems); LANG, CLAYDEN, LTD. (printing machinery); and NATIONAL CASH REGISTER CO., LTD. (cash registers).

British Standards Institution

The British standard specification which has just been issued for bacteriological test-tubes, Durham fermentation and Dreyer agglutination tubes specifies the dimensions of the tubes, the finish and general quality. A system of numbering the standard sizes has been adopted which will allow of the interpolation, as and when they are required, of other sizes in their appropriate places in the range. The nominal size adopted provides a ready means of identification of the size of the tube. Copies of this Specification (No. 625-1935) may be obtained from the Publications Department, British Standards Institution, 28 Victoria Street, London, S.W.1, price 2s. 2d. post free.

Birmingham

The Oldbury chemical works of Chance & Hunt, Ltd., celebrates its centenary this year.

The supper-dance at the Botanical Gardens, Birmingham, which inaugurated the winter session of the Birmingham Pharmaceutical Association, was well attended by members and friends. Prize-winners in the competition dances were Misses Raybone, Thatcher, Bailey and Owen, and Messrs. Greenwood, Griffin, Foster and Collis.

Blackpool

An eleven drawn from chemists' assistants and apprentices in the Blackpool area is competing this season in the Wednesday Section of the Blackpool and District Amateur Football League.

Blackpool Chemists' Golfing Society met at Lytham Green Drive Golf Club on October 9. Only twelve members took out cards and the round was played in a downpour of rain. The Woolley Prize was won by F. Tattersall with 76 and the Andrew Cup was won by F. Dickenson with a score of seven down on "bogey." Other returns were E. F. Dowty, 80 (9 down); E. Haworth, 81 (9 down); T. D. Rotley, 85 (9 down).

Bradford

A well-attended meeting of the Bradford Branch of the Pharmaceutical Society, held at the Midland Hotel on October 10, was addressed by Mr. H. N. Linstead, secretary of the Society. The chair was occupied by Mr. F. C. Wilson, and among those present was Mr. J. H. Franklin, of Manchester. Mr. Linstead gave an exposition of the genesis of the Pharmacy and Poisons Act, 1933, and an explanation of the implications of its operation after it comes completely into effect early next year. After January next a chemist would no longer be able to own both a chemist's shop and a drug store. The most criticised provision of the Act was that for the registration of premises. An annual fee was to be charged. That was the only way to get the big chain store companies to contribute their share towards the expenses of the Society and of administering the Act. The Society felt that it was worth while to pay that registration fee in order that the inspection of the pharmacies should be in the hands of their own people. The Poisons Board had the duty of preparing a new Poisons List and Rules. That List and those Rules had been submitted to the Home Secretary, and he was considering them. Very little indeed had been given away in the preparation of the new List. Until the new List was published by the Home Secretary they could not know definitely what the provisions were to be. Two more points in reference to the Act. The first point was a question of the counter prescribing of medicines containing poisons by chemists. He was one of those who looked forward to the time when counter prescribing by chemists and dispensing by doctors would be things of the past, but that time had not yet come. The position of a chemist who wanted to prescribe a medicine containing a poison was completely safeguarded. He would be able to make up his own prescriptions and hand them over the counter without the intervention of a doctor or any medical prescription at all. The only new condition was that he had to keep a copy of the prescription in the prescription-book. Probably the chemist would have done it in the past, but now he must do it. The second point was the question of the inspection and who was to do it. The inspection of chemists under the Act was in the hands of the Pharmaceutical Society inspectors only.

Mr. Franklin, being invited by the chairman to speak as a member of the Poisons Board, confined himself to brief testimony to the value of Mr. Linstead's services. In answer to Mr. Kirby, Mr. Linstead said that in the new requirements as to the storing of poisons three different ways were provided, and all these could be in operation at the same time. He thought that the attitude to adopt was that, generally speaking, all the old prescriptions for barbiturates would have to go. In answer to Mr. Sutcliffe as to a risk of variation of practice in regard to the dispensing of gargles, mouth washes or anything like that, Mr. Linstead said that this was not an easy point to deal with, because they might have a gargle with so small a proportion of poison that it was not really a danger at all. It had been felt, after consideration of many points, that it would be the wisest thing to leave the matter to the discretion of the individual man. Mr. Richardson asked what were the arrangements for the inspection of drug stores. Mr. Linstead replied that the inspection of a drug store was a statutory duty of the local authority, but it was the intention of the Council of the Pharmaceutical Society to continue to employ pharmacist inspectors. "What control is given over wholesale distributors?" was another question. Mr. Linstead replied that if a wholesaler or manufacturer sold to the public in addition to doing his wholesale or manufacturing business, he had to comply with the same restrictions as a retailer, but if he was doing a wholesale business only it was not necessary for him to turn himself into an authorised

seller of poisons. The chairman said there seemed to be doubt as to what were the rights of the inspectors when they came into the shops. Mr. Linstead said the local authority's inspector could not go into their shops as an inspector. The Pharmaceutical Society's inspectors had the duty of seeing that the pharmacist was carrying out the obligations of the poisons register. That was the limit of their statutory duties. They had the right of entry into the shop "at all reasonable hours," which was interpreted as meaning whenever the shop was open. They had not the right to go in by force. These inspectors had a very much wider duty than merely seeing that the poisons rules were observed. It was their job to get people who were not quite so careful as they should be to improve their standards. Answering further points raised, Mr. Linstead said that under the present Act the chemist had to know the man to whom he sold a poison, but under the new Regulations he had the further obligation of knowing the man to be a person to whom the poison might properly be sold.

Bristol

The proposition "That the present system of training entrants into pharmacy be amended so that all academic studies are completed before the commencement of business experience" was debated at a meeting of the Bristol Branch of the Pharmaceutical Society on October 10. Mr. David J. Williams, B.Sc., head of School of Pharmacy Merchant Venturers' Technical College, said that a large proportion of entrants into the schools of pharmacy were ill-instructed, especially in practical pharmacy. Mr. A. L. Taylor, Ph.C., pharmacist of the Bristol Royal Infirmary, argued in favour of the present system, with the proviso that all entrants should have passed their Preliminary Scientific examination. A vote by show of hands resulted in 14 for the proposition and 24 against. A number did not vote. Mr. D. G. Cooper, chairman for the year 1935-36, presided.

Grimsby

At Grimsby Police Court, on October 7 and 10, Thomas A. Humberstone (52), herdsman, Pasture Street, was charged with administering a noxious thing to Ena Rose Matfin for an improper purpose and with using an instrument for the same purpose; and Henry Forrester (22), motor driver, New William Street, Cleethorpes, was charged with procuring the noxious thing, Mr. Geoffrey Howard, barrister, prosecuted. Humberstone was defended by Mr. Walker Carter, barrister, and Forrester by Mr. R. M. E. Inchbold. Giving evidence, Matfin stated that she was treated by Humberstone by medicine and by the application of a "radium belt," and two other women gave corroborative evidence of visiting his shop with Matfin. Mr. John Alfred Foster, borough analyst, said he received twenty-six specimens. The medicine which Humberstone had given Miss Matfin contained rue. Certain of the pills and medicines contained drugs and herbs which used in excess would tend to produce miscarriage. Dr. A. H. D. Richmond, deputy assistant police surgeon, gave similar evidence. The accused, who pleaded "Not guilty" and reserved their defence, were committed for trial. Bail was allowed.

Hull

The possibilities of medicinal oil refining in England were dealt with in an address which Mr. T. Hudson, J.P., vice-president of the British Trawlers Federation, gave to members of the Hull Traffic Association recently. The speaker stated that medicinal cod-liver oil of higher vitamin value than the Norwegian would be produced.

The Hull Pharmaceutical Students' Association new members' dance attracted 200 members and friends to Powolny's Restaurant recently. A successful evening rewarded the hard work put in by the committee, which consisted of Miss V. Willoughby and Messrs. J. P. Broughton, M.P.S., B. Foster, M.P.S., R. P. Jackson, B. Johnson (secretary), R. Jones, F. W. Sharpe, and K. Wilson (treasurer). Among those present were Miss T. L. Sawyer, M.P.S. (president), Miss M. F. Stansfield and Mr. N. Harrison (vice-presidents).

Liverpool

At a meeting of the Liverpool section of the British Association of Chemists at the Victoria Hotel on October 2, a discussion arose on the position of Association members under the Pharmacy and Poisons Act, with particular reference to

the Poisons Board regulations. The chairman (Mr. L. Wild) said that the member of Parliament for Widnes had promised to consider the Association's point of view. Even if nothing was done, he remarked, the B.A.C. had given the people of this country an idea that chemists in this country were a force to be reckoned with. He understood the position at the moment was that the Home Secretary would receive a deputation from the B.A.C.

In the course of an address to members of the Liverpool and District Bankers' Institute, on October 9, under the title "Some Considerations of Modern Industry," Mr. T. Edward Lescher (chairman of the Liverpool Chamber of Commerce) said that they knew only too well how international trade was being hedged in by restrictions, tariffs, quotas and blocked exchanges. Perhaps the most lethal of these was the quota, but signs were not wanting that nations were beginning to realise the wantonness of this cause of dislocation to the economic machine. The growth of economic nationalism in every part of the world had definitely precluded a revival of international trade to anything approaching pre-depression level. There was no agreement, and the whole system of commercial and political relationship was accordingly reduced to a state of flux. Direction of policy involving whole industries had passed to governments, and with a substantial change the political purpose had become intermingled with trade to such an extent that it was at times difficult to know what was politics and what was trade. Trade unionism had been allowed to move from its original sphere and become an antagonistic force. Industrialists felt that the present instability with attendant uncertainty was excessively harmful to international trade. It was, however, for the Government to find a solution to this end; the best brains of economists and finance were required. There was a widespread feeling that in the past the policy of the Government had been too much influenced by the advice of the City of London, and this had by no means coincided with the welfare of British manufacturing industry.

London

At Marlborough Street Police Court, recently, Ian D. N. Amott (30), telephone operator, was charged with obtaining credit for the sum of £13 from Taylors (Cash Chemists), London, Ltd., 133 King's Road, Chelsea, without disclosing the fact that he was an undischarged bankrupt. He was remanded on bail.

At Tower Bridge Police Court, on October 15, Coleman Romain (29), salesman, Jack Stevens (27), tobacconist, Israel Lubranietsky (25), perfumer, and Benjamin Meadows (28), tobacconist, were charged on remand with conspiring together, and with others not in custody, to cheat and defraud such persons as might be induced to part with goods on credit to D. Lewis, trading as a wholesale grocer and chemists'undriesman at 175 Borough High Street (C. & D., October 12, p. 438). Arthur Barden said he traded at 120 Lambeth Walk as a wholesale and retail grocer and job buyer. Lewis introduced himself as "a cut-price chemist." About March 1934, he told witness he was going into the wholesale grocery trade and would be able to supply him with some lines direct from the manufacturers, bankrupt stock, job and "sound stuff," as well as proprietary goods. On March 5 or 6 witness had about forty transactions with Lewis, totalling £1,361. He produced a list. These transactions as a whole were 2½ per cent. below price. There were some "returns," but they were discount allowed in that way. They were marked "Contra." It was a usual thing in the grocery trade to describe discount as "contra." The Magistrate: If that is so, it is a very unwholesome custom. Other evidence was given, and a further remand on bail was ordered.

Manchester

Manchester Film Society is to hold a demonstration of amateur films on October 22 in the Western Electric Theatre, Bush House, London, W.C.2. The secretary of the Society is Mr. Peter Le Neve Foster, M.A., A.R.P.S. (assistant manager of F. C. Calvert & Co., Ltd.) and the treasurer is Mr. J. K. Clayton (J. K. Clayton Advertising Agency). The demonstration is intended to show the advances of amateur film making during the past twenty-six years.

A general meeting of the Manchester and District Pharmaceutical Masonic Association was held at the Grand Hotel,

Manchester, on October 10, Wor. Bro. Walters acting as chairman in the unavoidable absence of Bro. Wild. The balance sheet was presented and adopted. The following officers were appointed for the ensuing year:—Chairman, Bro. F. D. Gee; Vice-Chairman, Bro. S. H. Hummel; D.C., Wor. Bro. Bridgeford; A.D.C., Wor. Bro. W. B. Woodhead. Bros. Morley and Millner were appointed to the Committee; and Bros. Roberts and Edwards were appointed Stewards. The Committee accepted with reluctance the resignation of Wor. Bro. Newton (Sec.). It was proposed that Wor. Bro. Newton be asked to accept the position of Treasurer, which was carried with acclamation. Bro. G. V. Tyler was appointed Secretary. Bro. Leigh Bennett, proposing a toast to Wor. Bro. Newton, spoke of the deep and sincere regard held by all the brethren for Bro. Newton. He hoped his retirement would be enriched by the love and good wishes of all the brethren, together with the knowledge that this Association, for which Bro. Newton was primarily responsible, and which he had so carefully nurtured over a period of fifteen years, had been the means of many lasting friendships and the creation of good fellowship among pharmacists.

A joint meeting of the Manchester Pharmaceutical Association and the local Branch of the Pharmaceutical Society was held at the Victoria Hotel on October 10, the Association president (Mr. E. Walters) in the chair. As it was Speech Day, a large number of students was present. Mr. H. Brindle, B.Sc., submitted a report of the work done at the Pharmaceutical Department of the University during the year. A large proportion of the students took the Chemist and Druggist course, thirteen attended the Ph.C. course, twelve the B.Sc. (Pharmacy) course and twelve the course in biochemical analysis. Research papers had been published, and accommodation for research was being almost doubled. Every member of the staff was engaged on some pharmaceutical problem. He took the opportunity of adding his testimony to the excellence of Mr. Grier's work at the University. Mr. James Grier, M.Sc. (vice-president of the Association) presented the prizes as follows:—

Prize of James Woolley, Sons & Co., Ltd. (books value £3 3s.), Ph.C. and B.Sc. course; shared by W. P. Chambers and F. Hargreaves.

Prize of Hough, Hoseason & Co., Ltd. (value £3 3s.), pharmaceutical chemistry in the B.Sc. and Ph.C. course; shared by W. Alcock and C. E. Waterhouse.

Prize of the president of the Manchester Pharmaceutical Association (value £2 2s.), pharmaceutical chemistry in the chemist and druggist course; Hubert Barnes.

Prize of Oldfield, Pattinson & Co. (value £2 2s.), pharmaceutics in the chemist and druggist course; Clifford Gore.

Prize of T. Kerfoot & Co., Ltd. (value £2 2s.), pharmacognosy in the chemist and druggist course; Edward Pyke.

Prize of the Pharmaceutical Society (Codex), general excellence in the chemist and druggist course; H. Partington.

Prize of the chairman of the Branch of the Society, Mr. J. H. Franklin (value £2 2s.), to the best student in the Preliminary Science at Manchester University; D. Simmonite.

Prize of the Manchester Pharmaceutical Association (value £2 2s.) to the best student at the Preliminary Science part-time course at the Manchester College of Technology; shared by S. Burrows and F. B. Lewis.

Prize of the Salford Pharmaceutical Association (value £2 2s.) to the best student at the Salford Royal Technical College, Preliminary Science part-time course; R. W. Dobson.

Silver medal, founded by Mr. James Grier, to the best student in the Ph.C. and B.Sc. course; W. Preston Chambers.

Silver medal, founded by Mr. H. Brindle, to the best student in the chemist and druggist course; Hubert Barnes.

Both medals are awarded by the Senate of Manchester University.

Addressing the students, Mr. Grier congratulated those who had won prizes. Those who had not won prizes, he added, need not feel discouraged, and he wished them all the best of luck in their future careers. Mr. Grier expressed satisfaction in the remarkable success of Lancashire students in the recent scholarship examinations. After discussing the question of competition in business, he said the younger generation of pharmacists ought to concentrate on a new Pharmacy Bill that would define the business of pharmacy and in this way place their profession upon a secure foundation. Progress in pharmacy, he thought, must be along medical lines. They must keep in touch with the medical profession, cultivate amicable relationships with them, and discuss with them future developments. He had always been of opinion that pharmacists should interest themselves in first-aid work. He advised young pharmacists to link themselves closely with the work of their

associations and branches. Here they could discuss the problems that beset pharmacy and make lasting friendships. Education was co-extensive with life.

Votes of thanks were accorded to Mr. Grier and to the donors of the prizes. The tennis club trophies and prizes won during the season were presented to the successful players by the president, who was also president of the tennis club, as follows:—President's prizes, Miss J. Duncan and Mr. E. Cotterill; Cupal cup and replicas, Miss J. Whittington and Mr. R. Ogden; Woolley cup and replicas, Miss L. R. Mitchell and Mr. E. J. Beilby.

Newcastle-upon-Tyne

A students' night and prize-giving opened the new session of the Newcastle, District and Northumberland Branch of the Pharmaceutical Society of Great Britain at the Crown Hotel, Newcastle, recently. Prizes were given by the Branch to the most successful students at Rutherford College during the session 1934-35. In the unavoidable absence of the president the chair was taken by Mr. G. H. M. Graham, who welcomed the students, congratulating the successful ones. The prizes consisted of items selected by the prize-winners. This ceremony was followed by a very entertaining talk given by Mr. G. R. Gibbon, M.P.S., D.B.A., who has recently been in Denmark, on "Pharmacy in Denmark." A fair number of students and members of the Society attended and highly appreciated the address.

The annual dinner of the Newcastle, District and Northumberland Branch of the Pharmaceutical Society of Great Britain took place at the Station Hotel, Newcastle, on October 9. About ninety members and friends were present. A musical programme, arranged by Mr. C. Hibbs and party, was interspersed between the speeches. Proposing the toast of "The Pharmaceutical Society," Mr. T. H. Fleming criticised the Pharmacy and Poisons Act, because it had done so little to secure for the pharmacist dispensing and the sale of drugs for which he was specially trained and qualified. Mr. Young (a member of the Council of the Society) replied. He was sure every member of the Council was doing his best for pharmacy, and the rank and file must give all possible support.

Nottingham

There was a good attendance at a meeting of the Nottingham and District Branch of the Pharmaceutical Society, held at the Albert Hotel recently, when, after considerable discussion, it was decided that the annual meeting should be held in January, that the present Council should remain in office until then, and that the financial year should henceforward be from January to December, as in the case of the Society itself. The meeting decided to discontinue the subscription of 5s., which had been paid by certain members and to rely on the grant allowed by the Society.

At the invitation of Councillor James Stanley, J.P., M.P.S., a memorable evening was spent at the Victoria Station Hotel, on October 10, by seventy fellow pharmacists. The occasion was the celebration of Mr. Stanley's seventieth birthday and his 55 years' connection with pharmacy. Among his guests were Alderman Pembleton, J.P., M.P.S., Nuneaton, Mr. W. J. Lee, M.P.S. (Boots Pure Drug Co., Ltd.), and Messrs. Hampson (Evans Sons Lescher & Webb, Ltd.), Burr (British Drug Houses, Ltd.), Miller (Ucal, Ltd.), and Bowler (Butlers, Ltd., Leicester). Mr. W. Gill, a fellow apprentice of Mr. Stanley's, proposed "Our Host." Mr. Stanley, in reply, mentioned that as an apprentice of the late Mr. Charles Bolton, he had to walk nearly five miles to business in the morning by 8 a.m. Mr. W. E. Clarke, senior member of Mr. Stanley's staff, proposed "The Guv'nor," and Mr. Stanley responded. Alderman Pembleton then amused the company by relating a number of humorous incidents that occurred during the time that he was a fellow apprentice of the host's; and Messrs. A. E. Beilby and F. Ross Sergeant followed with interesting speeches on Nottingham fifty years ago. Mr. Beilby's connection with pharmacy dates back to 1875. Mr. G. F. Godson presented the host with an album containing the autographs of all those present.

Reading

The annual meeting of the Reading and District Branch of the Pharmaceutical Society was held at Reading on October 8, Mr. A. Greenwood Watkins in the chair. The following officers

and committee were elected for the session 1935-36: *Chairman*, G. Green; *Vice-chairmen*, A. E. Breakspear, E. C. Cripps; *Secretary*, A. Greenwood Watkins; *Assistant Secretary*, T. F. Ormrod; *Treasurer*, R. H. Bluring; *Committee*, Miss Croft; Messrs. J. R. Butler, Fowden, Pullen, Vasey, Band and Dibden (representing junior section). At the conclusion of the business a paper on "Pharmaceutical Service with the L.C.C." was given by Mr. C. P. Barnett, M.A., M.P.S., pharmacist at Pinewood Sanatorium. Mr. Barnett opened with a brief account of the London County Council Health Service, inaugurated in 1929 as a result of the Local Government Act passed in that year. None but pharmacists were, he said, employed for dispensing in these hospitals, and the title "pharmacist" is now officially recognised in place of the old designation "dispenser." On the proposition of the chairman a hearty vote of thanks was accorded to Mr. Barnett for his lecture.

Miscellaneous

THEFT OF CAMERAS.—The premises of Mr. H. L. Wade, chemist and druggist, Ley Street, Ilford, were broken into on October 2 and several cameras stolen.

EXPLOSION AT WORKS.—An explosion and fire occurred on October 16 at the chemical works of Spencer Chapman and Messel, Ltd., Silvertown, London, E. Three men were injured, two of whom have since died.

DANGEROUS DRUGS ACTS.—At Bristol, recently, William T. Welsh was fined sums amounting to £35 for stealing from his employers cocaine stated to be worth £44.—At Ringwood Police Court, recently, Dr. A. D. Maxwell was fined £5 on charges of failing to enter supplies of "dangerous" drugs in a register.

PHARMACEUTICAL PARLIAMENTARY FUND.—The Pharmaceutical Parliamentary Fund Committee will hold a meeting at the end of October. Any pharmacist who desires to put himself in touch with the Committee should write immediately to the Secretaries, Pharmaceutical Parliamentary Fund Committee, 17 Bloomsbury Square, London, W.C.1.

UNSTAMPED CARDS.—At Southend-on-Sea Borough Sessions recently, William Desmond Noble and Elizabeth Noble, stated to be carrying on business as chemists at the Eastern Esplanade, were fined 1s. in each of five cases for failing to pay health and unemployment insurance contributions in respect of an employee, and for failing to return cards, with 10s. costs

INSTITUTE OF CHEMISTS-OPTICIANS.—The annual general meeting of the Southern Counties' Advisory Committee was held at Southsea on October 9. The following officers were re-elected: *Chairman*, Mr. E. H. Stonebridge; *Secretary*, Mr. W. E. Bown. The general secretary, Mr. J. J. Laws, made a special visit and advised the members as to their optical position and the prospects of an Optical Bill.

INQUESTS.—Reports received since we last went to press include an account of an inquiry concerning the death of Mr. William Henry Holden, a chemist's assistant, aged twenty-four, who was stated to have died (at Streatham, London S.W.) of "pneumonia associated with a sedative drug"; and an inquiry into the death of Miss Jane B. Irvine, a governess of Norfolk Crescent, W.2, who was said to have taken "a gross overdose of barbituric drugs."

P.A.T.A. COUNCIL ELECTION.—The members of the retail section of the Council of the Proprietary Articles Trade Association who retire this year are Messrs. N. N. Armitage, J. E. French, J. Milner and J. Smith, all of whom are eligible for nomination and re-election. It is open to members of the retail section of the P.A.T.A. to nominate candidates for the four vacancies. Nominations will be received by the Secretary, 43 Gordon Square, London, W.C.1, up to and including October 25.

NATIONAL CHAMBER OF TRADE.—The opening session of the autumn conference of the National Chamber of Trade was held at Cardiff on October 14. The president (Mr. Gilbert D. Shepherd) referred, in his opening address, to such topics as calendar reform, the extension of State health and pensions insurance to shopkeepers with small incomes, the private trader, and the trend of industry. Mr. Shepherd suggested that the individual trader who knows his business is able to offer his customers value for money equal to any other establishment, and, in addition, can render personal service.

Irish Notes

Pharmaceutical Society of Ireland

For the first time in the sixty years' existence of the Pharmaceutical Society of Ireland a chemist from the Province of Connaught has been made president. He is Mr. Joseph F. Costello, who filled the office of vice-president last year with ability and sound judgment. Mr. Costello is one of the leading public men in "The City of the Tribes." The new president entered pharmacy as an apprentice in Messrs. J. J. Grahame & Co.'s establishment, Westmoreland Street, Dublin, where he served under the late Dr. Walsh. When he qualified in 1920 Mr. Costello returned to Galway and took over Grealy's Medical Hall, which is one of the oldest in Connaught. The founder, the late Dr. Grealy, was Mr. Costello's uncle. No fewer than six members of the Grealy family became qualified medical men, and the Hall still has a close connection with the profession, since Mrs. Costello is a medical practitioner, and was formerly Mr. Mary Kennedy, of Banagher. The new president is a member of the Galway Urban Council and Harbour Commissioners, a director of the "Connaught Tribune," the Galway Gas Co. and various other companies.

Mr. James A. O'Rourke, Dun Laoghaire, who was unanimously chosen for the vice-chair, is probably the youngest vice-president in the history of the Society. As an enthusiastic member of the Dublin and Provincial Retail Drug Association, he was instrumental in setting on foot the new campaign now being waged successfully by the Irish Drug Association to have chemists' lines confined to chemists. He is also a strong advocate of having compounding work in public institutions and dispensaries entrusted to pharmacists. Mr. O'Rourke served his apprenticeship in the late Dr. W. P. Connolly's Pharmacy at Mitchelstown, co. Cork. From there he went to the late Morgan Darcy's Pharmacy in Tipperary, where he spent some six years. Then he came to Dublin to Messrs. Maguire's pharmacy at Talbot Street, and later, when this firm opened their premises in Grafton Street, was appointed the first manager. In October 1929 Mr. O'Rourke, in conjunction with his brother, Mr. Michael O'Rourke, M.P.S.I., opened their present business in George's Street, Dun Laoghaire. As a student the new vice-president had a brilliant record. When he qualified in July 1925 he took first place in his year, with honours, and won the class prizes for botany and *materia medica*.

Irish Drug Association

Mr. T. C. Scott (president) was in the chair at the fortnightly meeting of the Committee of the Irish Drug Association, held on October 14. The secretary reported that since the last meeting thirteen manufacturers had applied to have their names included in the approved list of manufacturers. It was reported that a leading Dublin wholesale drug house had been approached by a non-pharmaceutical firm, requesting quotations for proprietary medicines, bulk and packed drugs. This wholesale house decided on their own initiative to refuse to quote for such supplies. The Committee instructed the secretary to

thank them for the attitude they had adopted, and to inform the members of the stand taken. Complaints were received regarding the leakage of lines now confined to chemists and druggists. The Committee pointed out that from time to time new lines were being added to the approved list, and some considerable period must elapse before all the stocks in the hands of outside traders are exhausted. Correspondence was read from the Ulster Retail Drug Trade Association, and the Committee agreed that an exchange of views would be mutually helpful. It was reported that a retail chemist who was supplying pharmaceutical lines to an institution for re-sale to inmates through the canteen had now discontinued supplying such goods to the institution mentioned. Another case was reported in which a firm packed Parrish's food, cod-liver oil and other lines for a grocery chain store, allowing their name to appear on these goods. The firm readily agreed to cease supplying them in future.

Two New Councillors

Mr. James Glendinning, Londonderry, who has been elected a member of the Council of the Pharmaceutical Society of Northern Ireland for the first time, served his apprenticeship partly to H. M. Prior & Co. and partly to the late Mr. R. A. Austin of Londonderry. He subsequently went to Kingstown as assistant to Mr. T. W. Robinson (now Hayes, Cunningham & Robinson, Ltd.), afterwards moving to John Evans, Dublin, chemists to the King, and to Butlers Medical Hall, Sackville Street, Dublin. He returned to Derry to Messrs. W. A. Frizelle, where he remained till he qualified in 1896 and opened business for himself. Mr. Glendinning has been in Waterloo Place ever since. He manufactures, among other things, a black marking ink which is used in all the British Colonies, but more particularly among the shirt and collar manufacturers of Derry, Belfast, the West of England and Scotland. Mr. Glendinning's daughter, who took her M.Sc. in chemistry and botany with first-class honours at Queen's University, is now serving her time to her father with a view to taking the Licence examination of the Pharmaceutical Society of Northern Ireland. Mr. Glendinning is a son of the late proprietor of the "Derry Standard" and is a brother of Senator John C. Glendinning of the Northern Parliament.

Mr. James McDowell, the other new councillor on the Pharmaceutical Society of Northern Ireland, served his apprenticeship to Davidson & Murray, pharmacists, Mountpottinger, Belfast, remaining with them for four years afterwards. In 1914 he set up for himself at 201 Newtowards Road, and has been there since. Mr. McDowell has long taken part in pharmaceutical politics in Ulster. He was secretary and treasurer of the North Irish Pharmacists' Association, now merged in the Ulster Retail Drug Trade Association. He has served on the Committee of the latter for many years and was president in 1931. Mr. McDowell is also secretary of the local Pharmaceutical Committee for National Health Insurance, first for the Belfast area and now for the whole of Northern Ireland, under the National Health Insurance Act's and Regulations.



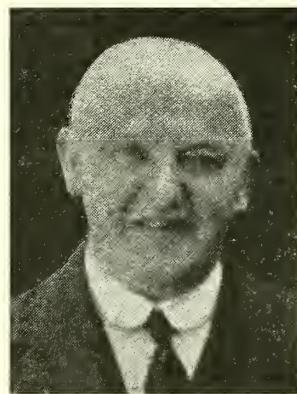
MR. J. F. COSTELLO

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MR. J. A. O'ROURKE

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MR. J. GLENDINNING



MR. J. McDOWELL

There is considerable concern in official quarters in the Irish Free State regarding the sale of morphine on prescription. Pharmacists are urged to assist the authorities by exercising the closest vigilance with regard to the dispensing of D.D.A. prescriptions.

Mr. F. J. Fitzpatrick's re-election for a third year to the office of the Society's treasurer is perhaps the best tribute that could be paid to his zealous and able work for the Society. As the Society's "Minister for Finance" he has administered their financial affairs with remarkable acumen and foresight.

An inquest was held in Carrickfergus, on October 12, on the body of Robert T. Stuart, who died from strychnine poisoning. Mr. G. Shaw, Ph.C., said that Stuart, on purchasing the strychnine, stated that he wanted it to exterminate rats. The jury found that the strychnine was self-administered while Stuart was of unsound mind.

The principal business on the agenda for the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland, which takes place after we go to press with this issue, is the election of officers for the ensuing year. It is expected that Mr. W. S. Taylor, the vice-president, will succeed to the presidency.

That lysol was taken by the deceased while temporarily insane, and that death was due to shock accelerated by heart failure following corrosive poison, was the verdict returned by a Dublin coroner's jury at an inquest held recently concerning the death of Michael Cleary, Irishtown. Mr. A. Smith, manager of the pharmacy of Hayes, Conyngham & Robinson, Ltd., in Talbot Street, gave evidence of purchase. He added that the deceased left the shop and about ten minutes later he was brought back in a state of collapse. Witness telephoned for the ambulance and sent for some eggs, which he administered to the man. The city coroner said that the bottle in this instance was labelled "Poison," and Hayes, Conyngham & Robinson had a perfect right to sell it. He thought it was a pity there was not more restriction on the sale of such poisons.

Scottish Notes

Brevities

Bailie J. G. Aitchison has resigned from Stewarton Town Council, stating that alterations in the pharmacy laws make it more difficult for him to give so much time to public business. A deputation asked him to reconsider his decision.

Mr. David Bell, chemist and druggist, 28 High Street, Lockerbie, was injured in a motoring crash at Mossbank, near Gretna Green, recently. He was taken back to the Cumberland Infirmary, where he had previously visited his son, but returned home after surgical treatment.

A super Ikonta camera, 530/L, number Y65122, value £17 10s., was stolen from the premises of Caithness Brothers, Time House, Coal Wynd, Kirkcaldy, on September 26. It is stated that a man about thirty years of age, medium build, and reddish hair, well-dressed but without hat, may have committed the theft.

The employees of Spence & Co., chemists, Edinburgh and Blackhall, were entertained by Dr. and Mrs. Spence to their annual supper and dance at 26 Royal Circus, Edinburgh, recently. Over forty were present. Opportunity was taken to present Miss Jackson, one of the staff, with a gold wristlet watch from the firm, and a set of enamel-backed dressing brushes from the staff, on her retirement after fourteen years' service.

The business committee of the General Council of Aberdeen University in a recent report criticised proposals which, they state, appear to indicate a growing tendency to encroach upon the autonomy of the Universities, citing the report of the Poisons Board, "in which it is proposed that in future the holder of a University degree, even an honours degree in chemistry, may not be permitted to engage in the manufacture of pharmaceutical preparations containing poisons manufactured for the purposes of internal treatment of human ailments unless he holds other qualifications."

Topical Reflections

By Xrayser

The Change

which has come over the supply of veterinary medicines by the pharmacist is well illustrated in the many articles on different sections of the subject in last week's *C. & D.* Time was, and not so long ago, when the stock of the veterinary chemist was a supply of condition powders, horse balls, white oils, cow drenches and a few other medicines of the "hit or miss" school. The supplying of dog medicines was in its infancy. I occasionally witnessed my employer giving a good-sized purgative pill to a dog, in my apprentice days. As for cats and birds, they were rarely regarded as fit subjects for treatment; perhaps the nearest we ever got to it was to recommend the application of paraffin oil, with the help of a feather, to pheasants suffering with gapes. The empirical method of treating animals and birds has given place to the scientific, but the pharmacist has not benefited by the increased business to the extent that he should have done. Other dealers have stepped in and appropriated it; one sees the grocer, ironmonger and seedsman selling these goods, and with them they can recommend the many dog foods and articles which are used for the dog's toilet. I hope the pharmacist will awaken to his opportunities when the new Pharmacy and Poisons Act comes into force, as unless the seller of veterinary medicines is a manufacturer, he cannot sell certain poisons and articles into which they enter.

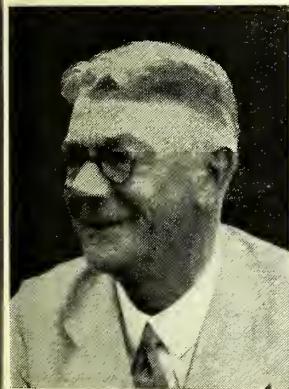
An Interesting Piece of News

in THE CHEMIST AND DRUGGIST of October 12 was the announcement of the "Chemists' Friends" scheme (p. 442). The classifications of goods coming within the list are two:—(1) Branded pharmaceutical therapeutic preparations, and (2) branded surgical dressings and medical specialities. The doubtful element in the scheme seems

to me to be that the manufacturers are to be bound over on their part, but the retailers are to regard it as merely an unwritten obligation to do their best to recommend those goods on the list and to give window shows. I hope they will do this cheerfully and wholeheartedly. It should give confidence to the seller of an article on the list to know that only chemists and companies "legally" trading can sell it, and that it cannot be obtained from an unqualified dealer in charge of a drug store or a grocer's shop.

I Am Sorry

that the proposal of the North British Executive that the names of persons removed from the Register should be published (p. 423) was turned down, though the Council of the Pharmaceutical Society decided that the difficulties in the way of keeping the list up-to-date were such as to make the proposal impracticable. Only those who have had experience of the difficulties of manufacturers and wholesalers in keeping a list of persons entitled to purchase "dangerous" drugs, for instance, know what a boon it would be to have a list of such up to date. Manufacturers often impose on wholesalers a condition that certain goods shall be restricted to qualified chemists and companies legally trading under the Pharmacy Acts; this number will now grow rapidly if the "Chemists' Friends" scheme develops. The conscientious wholesaler is often hampered because he may not be certain of the *bona fides* of his would-be customer. Take another case on rather a different footing. A pharmacist wishes to open an account with a wholesaler; he states that he is a qualified man, but his name does not appear in the Register. The proposal of the North British Branch should be brought up again; it is a suggestion of practical importance—and we do not get too many of these in the Society.



Above: MR. ERNEST A. UMLEY, Ph.C. (new chairman of Wright, Layman & Umney, Ltd.)

Below: The stand of T. J. Smith & Nephew, Ltd., at the Chemists' Exhibition, London.

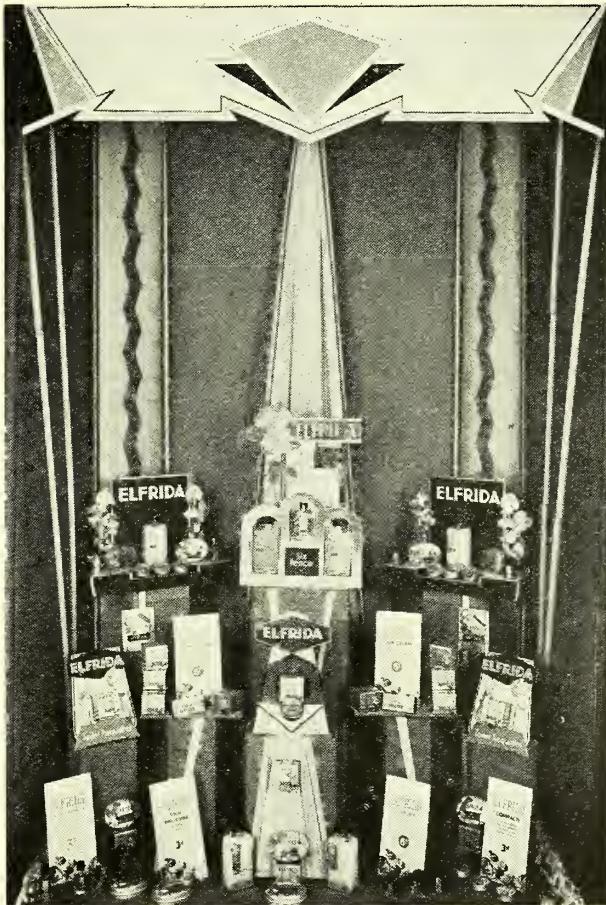


Above, left: Section of the plant of Imperial Chemical Industries at Billingham-on-Tees, declared open on October 15. Forty-five million gallons of petrol a year are capable of being produced here from coal.

Above, right: Mr. & Mrs. Eric Gladwell leaving the church of St. John the Baptist, West Wickham, after their wedding. Mrs. Gladwell is the daughter of Mr. W. H. Thomas (Sales Manager, Scott & Bowne, Ltd.). Many well-known people connected with the drug trade were present.

Right: Display of Elfrida products for W. B. Cartwright, Ltd., Rawdon, Leeds, by A. Jackman.

News in Pictures



Legal Reports

Charges of Fraud.—At Marylebone Police Court, on October 11, Henry Thomas Hart, engineer, appeared on remand on charges of obtaining money and credit involving the sum of £338 10s. by false pretences (*C. & D.*, October 5, p. 408). Mr. J. E. Crowe, chemist and druggist, managing director of Sheffield Pharmacies, Ltd., Grimethorpe Road, Sheffield, said that on July 9 he saw the accused at Sheffield, and entered into an agreement with him. The accused provided no capital. On July 18 he gave the accused a cheque for £65 to pay the registration fees for a company to be known as Chemists' Finance Trust, Ltd. The company had not in fact been registered. On July 21 he received a letter from the accused, and as a result he gave the accused a cheque for £35. On July 28 the accused saw him again at Sheffield and mentioned a chemist named Wood. He said that he had made arrangements to see Mr. Wood to obtain an option at an agreed figure for the goodwill, stock and fixtures, for which Mr. Wood required £50. Witness gave the accused a cheque for £60. On August 4 the accused saw him and said that Jenners (Chemists), Ltd., would be registered instead of Chemists' Finance Trust, Ltd., and that the capital of Jenners was to be £50,000. He asked for £140 for the registration of Jenners (Chemists), Ltd. Witness gave the accused a cheque for £40 and another for £100 for registration of Jenners, but as a result of what he heard he stopped payment of the £100 cheque. Mr. V. W. Wood, chemist and druggist, Leopold Street, Sheffield, said that in July last the accused came to see him, but he never at any time agreed to give him an option on the purchase of his business. Detective-Sergeant Bowton said he had searched the file of joint stock companies and had found no record of the registration of either Chemists' Finance Trust, Ltd., or Jenners (Chemists), Ltd. Other evidence was given, and the accused was committed for trial.

Claim for Injunction.—The hearing of the action brought against Eugene Rimmel, Ltd., by Parfumerie Violet (*C. & D.*, October 12, p. 441) was continued in the High Court, London, on October 11, 14, 15 and 16, before Mr. S. R. C. Bosanquet. M. Jean Alexandre, managing director of the plaintiff company, said that before their agency in this country was taken over by the defendants the turnover amounted to £4,800 per annum. Describing various articles made by the plaintiffs which it was alleged the defendants had imitated, witness said the defendants' propelling lipstick was identical with theirs except for the name stamped on it. Cross-examined, witness said that their trade in this country dropped considerably after it was taken over by the defendants. They had spent thousands of pounds in creating a demand. Mr. Cyril Halder, formerly sales consultant to the defendants, said the sale of the plaintiffs' goods was never pushed by the defendants. In cross-examination witness said that during the trade slump people spent even more on beauty specialities than before. The Official Referee: Was that to keep up a cheerful appearance? Mr. G. Lynskey, K.C., opening the case for the defendants, said that, prior to the agreements mentioned in the case, the two parties were competitors. The action started on a writ alleging the passing off of the defendants' goods as the goods of the plaintiffs, and the allegation now made of a deliberate theft of the plaintiffs' business was an afterthought on the part of the plaintiffs long after the proceedings commenced. The only real allegation against the defendants in the pleadings was that they used the plaintiffs' travellers for the purpose of selling their own products, but there was no evidence that they had improperly used the plaintiffs' travellers. The only thing that was really said was that the defendants did not push the plaintiffs' goods as much as their own. Mr. Hubert Jahard, chairman and managing director of the defendant company, said that when the agreements were entered into he was not aware of any plan to displace the plaintiffs' goods with Rimmel's goods. Mr. R. M. Calvert, formerly sales organiser for the plaintiffs, gave evidence for the defendants. Serjeant Sullivan (cross-examining): At the start of the agency the plaintiffs' turnover amounted to £3,000 a year, while at the end it had fallen to £300, whereas Rimmel's business had practically doubled. Witness said he did not think that was so. Rimmels did their best to push the plaintiffs' business. At the conclusion of the evidence judgment was reserved.

Illegal Sales of Poison.—In the Dublin District Court, on October 10, before District Justice Hannon, prosecutions for infringements of the Irish Pharmacy and Poisons Acts were heard. The summonses were brought by the Pharmaceutical Society of Ireland through their inspectors. In the first case Mrs. M. E. Hopley, R.D., trading as Checkett & Co., Queen Street, Dublin, was summoned for having sold hydrochloric acid (spirit of salt) in a container not distinguishable by touch; Harvey's Worm Powders without having the seller's name and address on the container; Cooper's Sheep Dip without entering the name and address of the purchaser; and for having sold the sheep dip to a person unknown to the seller. Mr. John J. Gaynor, solicitor, prosecuted on behalf of the Pharmaceutical Society, and Mr. W. J. Coulter, solicitor, appeared for the defendant. On behalf of his client Mr. Coulter pleaded "Guilty" to all the charges. Mr. Gaynor said in view of the recent decision that there could not be two separate summonses under one Section here, he was not proceeding with the second summons for failing to make an entry. In all the other cases he was instructed to press for a substantial fine. Mr. Coulter said the amount of arsenic in the sheep dip was negligible. Mr. Gaynor: There was 6½ oz., or enough to poison 1,200 people. That was not negligible. In all three cases the justice convicted, and imposed a fine of £1 with £2 2s. costs in each case, making a total of £9 6s.

W. Murphy & Co., North King Street, Dublin, were the defendants in the next case. They were prosecuted for having sold corrosive sublimate and sheep dip to persons unknown. Mr. A. Powell, B.L., who defended, said his clients pleaded "Guilty" to the first summons, and they would ask his worship to deal leniently with them in view of the facts. On the summons for selling corrosive sublimate the justice convicted and fined the defendants £1 with £4 4s. costs. In the second summons for selling sheep dip to a person unknown the justice also convicted, and imposed a penalty of 10s., with £4 4s. costs.

Christopher Lonergan, North Circular Road, Dublin, was summoned under Section 30 of the Pharmacy (Ireland) Act, 1875, for having kept open shop for the sale and compounding of poison, in that he sold a proprietary pomade to William Coogan, an inspector of the Society, on that date. The defendant, who appeared in person, said he thought the case so frivolous that he did not think it important enough to instruct his solicitor to appear. Miss Phyllis Ryan, public analyst, stated that she analysed the pomade and found it contained 0.49 per cent. of veratrine, or 3 gr. in the box. Mr. James J. Kerr, registrar of the Pharmaceutical Society, stated in evidence that the name of the defendant did not appear in the Register of the Society as a person entitled to keep open shop for the sale of poison. The maximum dose of veratrine was ¼ gr. The total quantity in the box, if taken, would be fatal. In a statement made to the Court the defendant said he did not pose as a chemist, qualified or unqualified. The Justice: Would this pomade be capable of use as a poison? I imagine it would be very unpalatable. Mr. Kerr: Children have been known to eat vaseline. The Justice: But is it conceivable that even a child would eat the full 3 gr.? Mr. Kerr: Very little would kill a child. There are forty-eight maximum doses in the box. The justice fined the defendant the statutory penalty of £5, without costs.

Thomas A. Crotty, 19 Charlotte Street, Dublin, was prosecuted for having sold strichnine in Fellows' Syrup, the container not bearing the name and address of the seller. There was a further summons for having sold A.B.C. liniment to an inspector of the Society, a person unknown to the seller. Mr. E. Jordan, solicitor, appeared for the defendant, and pleaded "Guilty" to the offences. There were extenuating circumstances, he said. Mr. Gaynor: The inspector says he inspected several bottles of Fellows' Syrup in the shop, and none of them was labelled. The justice convicted on both summonses. In the case for the sale of A.B.C. liniment to a person unknown he imposed a fine of £1, with £4 4s. costs, which included witness's expenses. For selling Fellows' Syrup without the name and address of the seller he fined the defendant 5s., with £4 4s. costs.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

D. L. LEWIS, LTD. (P.C.).—Capital £2,600. Objects: To carry on the business of chemists, druggists, etc. R.O.: 36 Haven Green, W.5.

TANNERS CHEMISTS, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists, opticians, etc. R.O.: 350 High Road, Tottenham.

WILLIAM L. DUNCAN, LTD. (P.C.).—Capital £500. Objects: To carry on the business of dispensing, wholesale and retail chemists, etc. R.O.: 31 Clapham Park Road, S.W.4.

INDEPENDENT PHARMACISTS' SUPPLIES, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of wholesale chemists, druggists, etc. Solicitor: W. E. Vanner, 22 High Street, W.C.2.

NEW SCIENTIFIC PRODUCTS, LTD. (P.C.).—Capital £500. Objects: To acquire the formula of a cleaning preparation known as Easikleen owned by A. C. Vyle, of 24 Surbiton Court, Surbiton, Surrey.

G. PARKHOUSE, LTD. (P.C.).—Capital £1,500. Objects: To acquire the business of chemists and druggists carried on by Leonard C. Wicks and Beatrice I. Wicks at 70 Beckenham Road, Beckenham.

DUNVILLE MEDICAL HALL, LTD. (P.C.).—Registered in Belfast. Capital £1,000 in £1 shares. Objects: To acquire the business of a chemist now carried on by Charles Matthews at 103 Falls Road, Belfast.

ATLANTIC CHEMICALS, LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of merchants and manufacturers of chemical products of all descriptions, etc. Solicitors: Slaughter & May, 18 Austin Friars, E.C.

BRITISH DENTAL GOLDS, LTD. (P.C.).—Capital £2,000. Objects: To carry on business as manufacturers of and dealers in dental metals, alloys and fittings, chemists, druggists, etc. R.O.: 3-4 Clement's Inn, Strand, W.C.2.

SUNSHINE PRODUCTS, LTD. (P.C.).—Registered in Dublin. Capital £1,000. Objects: To carry on the business of manufacturers and distributors of sodium, hypochloride, ammonia, etc. Robert Y. Kennedy, 65 Great Strand Street, Dublin, director.

RHU-CLEAR LABORATORIES, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in a product known as "Rhu-Clear," and that of manufacturing chemists, etc. Hugh M. Clarke, St. Martins, 37 West Side, S.W.4, director.

PERCLA CLEANSING PRODUCTS, LTD. (P.C.).—Capital £1,000. Objects: To acquire the business of manufacturers and distributors of cleansing, preservative and other materials now carried on by Harold G. Perry and Harold Clark as "Percla Products" at Pembroke Works, Pembroke Road, Bromley, Kent.

IDEAL PRODUCTS CO. (WOLVERHAMPTON), LTD. (P.C.).—Capital £1,500. Objects: To acquire the business carried on by the Ideal Products Co., of Bell Street, Wolverhampton, and to carry on the business of manufacturers and dealers in foods for human, animal, bird and insect feeding, manufacturers of and dealers in medicines, etc.

GLAXO LABORATORIES, LTD. (P.C.).—Capital £400,000. Objects: To acquire the business carried on by the Glaxo Department of Joseph Nathan & Co., Ltd., at 56 Osnaburgh Street, N.W.1, and elsewhere, and to carry on in the United Kingdom business as dealers in and manufacturers of casein and its allied products, condensed and dried milk, sugar of milk and all products of any description derived from the manipulation or treatment of milk and milk products, chemists, druggists, etc. Alec Nathan (chairman), H. Jephcott, Ph.C., M.Sc., F.I.C. (managing director), Lieut.-Col. E. A. Rose, C.B.E., B.Sc., M.I.Mech.E., Hugo Wolff, M.P.S., F. C. Randall, M.C., F.C.I.S. (directors).

IRISH PHARMACEUTICALS, LTD.—At the third annual meeting of shareholders, held in Dublin, a dividend of 5 per cent., less income tax, was declared.

STOCKWELL PHARMACY, LTD., 352 South Lambeth Road, S.W.8. On the petition of a creditor for £140, stated to be the balance of a judgment debt, Mr. Justice Bennett in the Companies' Court on October 14 made an order for the compulsory winding-up of this company. The company was not represented and there was no opposition.

PHOSFERINE (ASHTON & PARSONS), LTD.—We are advised that by a payment of £480,000, Veno Drug Co., Ltd., a subsidiary company of Beecham's Pills, Ltd., have acquired the assets of the Phosferine Co. The chairman of the board will be Mr. J. Stanley Holmes, managing director of Beecham's Pills, Ltd., and Mr. Henry Gregory, managing director of Veno Drug Co., Ltd., will be a director. The capital of the new company, Phosferine (Ashton & Parsons), Ltd., is £500,000, which has been subscribed by the "Beecham" group from their cash resources. There will be no public issue.

GENATOSAN, LTD.—The eighteenth annual ordinary general meeting was held at Southern House, Cannon Street, London, E.C. Sir Archibald Mitchelson, Bt. (chairman of the company), presided. In the course of his speech he said: The net profit for the year, after depreciation, directors' fees, and income tax, was £64,776, an increase over that for the previous year of £14,634. To this must be added the amount brought in of £11,985, making a total of £76,761. After provision for the dividends on the pre-preference and preference share capital and the interim dividend of 15 per cent. on the ordinary share capital, there remains a disposable balance of £48,441, which it is proposed to allocate as follows: To place £10,000 to general reserve, bringing this fund up to £25,000; to write off £5,000 of expenditure on the establishment of dental and other preparations; to pay a final dividend of 20 per cent. on the ordinary capital, making 35 per cent. for the year; and to carry forward the balance of £13,441. As you see, the results for the year have enabled us not only to maintain the substantial dividend we have been paying for many years, but also materially to strengthen our financial position. The ever-increasing demand for the company's products is, of course, responsible for the improvement in turnover. It has been necessary to extend the factory premises at Loughborough and instal new machinery to cope with the increased demand for our preparations. The report was unanimously adopted.

Bankruptcy Reports

Re Thomas Edward Taylor, Market Cross Chambers, Huddersfield, Yorks, trading as "North Trading Co." chemical agent. This debtor's public examination was held recently at the Court House, Huddersfield, when it was reported that the deficiency amounted to £495. Debtor attributed his failure to ill-health and defalcations by agents. The examination was closed.

Re Ronald William Ward Baxter, 299 Hunslet Road, Leeds, chemist and druggist. The public examination of this debtor was held recently at the County Court House, Leeds. The statement of affairs showed gross liabilities of £988 12s. 10d., of which £917 12s. 10d. was expected to rank for dividend, with net assets of £295 4s., or a deficiency of £622 8s. 10d. Debtor said he attributed his failure to heavy rate of interest on borrowed money and lack of capital. In 1932 he borrowed £70 from moneylenders and repaid £105, and in 1934 he borrowed £60 and was still owing £32. Debtor commenced trading on his own account in April 1932 at the above address with borrowed capital. Trading accounts had been prepared, the last of which, on May 5, 1934, showed a debit on the capital account of £339. The examination was adjourned for formal closing.

Gazette

Partnership Dissolved

BENNETT, T. L., and BENNETT, R., 19 Market Place, Stockport, 144 Buxton Road, Heaviley, Stockport, and 70 Foregate Street, Chester, ophthalmic opticians and pharmacists, under the style of Bennetts.

Research on Food

The Report of the Food Investigation Board

A 260-PAGE report for the year 1934 has been issued by the Food Investigation Board of the Department of Scientific and Industrial Research. During the year the terms of reference of the Board have been revised, and are now as follows:—

- (i) To advise generally on the conduct of research on the properties and behaviour of foodstuffs and on the scientific problems, including physical and engineering problems, involved in their storage and transport.
- (ii) To submit an annual programme of research.
- (iii) To submit an annual report.

During the year contributions towards the cost of research were received from the Institut International du Froid and from Imperial Chemical Industries, Ltd. Contributions from the Dominions and Colonies amounted to nearly £10,000.

The report is in six sections, headed respectively meat; poultry and eggs; pork, bacon and hams; fish; fruit and vegetables; canning; engineering. In each there is abundant evidence that the approach to problems of food storage and improvement from a scientific standpoint has made great strides, as will be judged from the extracts quoted below:—

A New Use for Iodine

The use of "iodine wrappers" as a means of delaying the rotting of certain fruits is foreshadowed in the report. The wrappers are impregnated with a solution of iodine in potassium iodide. Various volatile substances were previously tried, with indifferent success because, in general, the action was either deleterious to the fruit itself or ineffectual in preventing fungal rotting. With iodine, the infection is attacked when the spores and young mycelium are at a much less advanced stage, when they are extremely susceptible to its action. It can therefore be used in strengths sufficient to retard the development of moulds but not so great as to cause damage to the fruit.

Suitable amounts of iodine can be added to the paper by soaking in a solution containing 12.7 gm. of iodine, 10.0 gm. of potassium iodide, 200 c.c. of water and 800 c.c. of rectified spirit, and drying at ordinary temperatures. Papers 10 in. square then contain about 30 mg. of free iodine. Bunches of grapes thus wrapped remain free from mould much longer than grapes wrapped in plain paper. The following table gives observed storage-periods for grapes at various temperatures, when wrapped in iodised as compared with plain wrappers:—

Temperature (° C.)	...	42	32	25	18	10	5
Wrapper		No. of days after which mould appeared					
Plain	...	4	5	5	5	11	19
Iodised	...	6	15	11	19	28	40

Tomatoes wrapped in iodised wraps, or packed in iodised paper shavings, can be kept for longer periods than unwrapped ones. Oranges have been kept free from green mould and brown rot of plums and peaches has been reduced by the use of iodine wraps, although, unfortunately, certain varieties are adversely affected by the treatment; they fail to ripen properly and may even turn brown. Similarly, certain varieties of apples develop a browning of the skin when wrapped in iodised paper.

Iodine may prevent rotting without damaging the fruit on account of a specific effect on fungi not shared by fruit. It is, however, more probable that it is because of the particular qualitative way in which iodine inhibits the germination and growth of fungi that it is effective. Iodine retards germination of spores by prolonging considerably the period for the emergence of the germ-tubes, and by reducing their rate of elongation. Moreover, it inhibits germination at much lower concentrations than are required to inhibit the growth of established colonies. It is thus much more damaging to spores and young mycelium than to old mycelium, and, probably in consequence, can be present in sufficient quantities to inhibit spores and young

mycelium without affecting the mature tissue of the fruit. If this is so, other substances which might also be used in wraps must, like iodine, inhibit the growth of fungi in this way. Unfortunately, the few substances, e.g., acetaldehyde, hydrogen cyanide and hydrogen sulphide, known to have this particular property, are unsuitable for impregnation into wraps. Substances such as thymol or clove oil, which inhibit germination and growth equally, have been used and found unsuitable.

The method is not applicable to the storage of prepared foods or meat, for when meat is wrapped in hessian wraps impregnated with iodine the fat is discoloured by the absorption of iodine, and the growth of bacteria is not reduced. When eggs are stored in flats and fillers impregnated with iodine, they remain free from moulds. In some instances slight staining with iodine has resulted. Estimation of the amount of iodine absorbed by grapes from iodised wrappers permits two conclusions to be drawn. First, iodine is absorbed much more readily by the stalks than by the berries. This may be due to the relatively greater surface which is exposed by the stalks. Differences in the amount of stalk included may account for differences in the iodine recovered in the various samples. Secondly, exposure to air for periods up to ten days does not result in an appreciable loss of the absorbed iodine.

A Toxic Substance produced by Yeast

Commercial bakers' yeast was grown at 25° C. in Laurent's culture solution, with the addition of glucose. One culture was ventilated with air and another with nitrogen. In the second case sufficient oxygen was added to the issuing gas to make the oxygen-nitrogen ratio 1:4, as in air. The concentration of carbon dioxide did not exceed 0.8 per cent. Peas grew normally in the gas-stream from the anaerobically growing yeast, but did not grow at all in the gas-stream from the aerobically growing yeast. The substance responsible for the inhibition of the growth of the pea seedlings could be removed completely by bubbling the air through bromine-water and then potash, and almost completely by passing it through an ozoniser.

Effect of Volatile Chemicals on the Climacteric in Apples

In view of the fact that the effects on apples of raising the concentration of carbon dioxide in the atmosphere are, on the one hand, to depress respiratory activity and, on the other, to postpone the climacteric rise (ripening), experiments were conducted with another acid gas, viz., hydrochloric, and with an alkaline gas, viz., ammonia. The experiments were conducted by drawing currents of air containing known concentrations of hydrochloric acid or ammonia gas over single fruits, and determining over a period of several weeks the rates at which they produced carbon dioxide as compared with similar fruits in a current of pure air. The experiment was conducted at 20° C. and the current of air was drawn over the single fruit in a 600 c.c. container at the rate of three litres per hour.

The results indicate that, in contrast with the action of carbon dioxide, hydrochloric acid (in the concentration used) exercises no appreciable influence upon the pitch of respiratory activity and does not stimulate the onset of the climacteric. Ammonia, on the other hand, had an immediate effect. Respiration was stimulated, and a day or two later the climacteric occurred. It has been suggested that the onset of the climacteric is connected with changes in acidity in the cell, and that it occurs when, in the presence of oxygen, the acidity has fallen to a critical value. These results appear to support this view. On the other hand, recent investigations, showing that, provided oxygen is present, carbon dioxide causes a fall, and not a rise, in acidity, are opposed to it, as also are the reported findings that the acidity of the pulp of bananas rises during the climacteric.

BIBLIA ABIBLIA.—Mr. Justice Bennett, in the course of a case that came before him in the Chancery Division on October 9, held that loose-leaf books are not books within the meaning of the Companies Acts.

Trade Notes

AVA TOILET PREPARATIONS.—We illustrate herewith two attractive showcards issued by Ava, Ltd., 9 Park Hill, London, S.W.4. One is for Ava Complexion Soap and the other for Ava Shampoo. Each showcard is of a convenient size for use either on the counter or shelf.



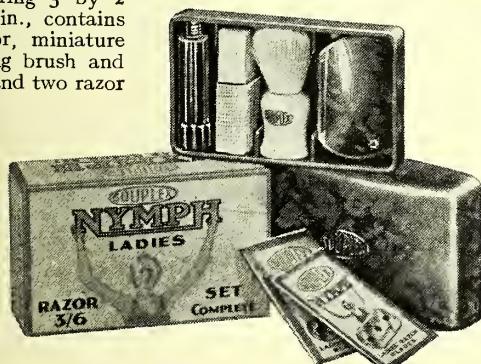
BROOKLAX.—The Westminster Laboratories, Ltd., 4-12 Palmer Street, London, S.W.1, announce that Brooklax is registered as a "Chemists' Friend" line and the company proposes to give their unqualified support to the scheme sponsored by the N.P.U.

PLASTOSOL ANTISEPTIC.—A. de St. Dalmas & Co., Ltd., Leicester, are advertising Plastosol, which is described as an antiseptic liquid plaster. A national advertising campaign is in force. Plastosol is stated to stop bleeding, act as an antiseptic dressing, eliminate the need for a bandage, and to promote healing processes.

AUTOMATIC-ELECTRIC TELERAZOR.—Elsewhere in this issue Norma Technical Products, Ltd., Balfour House, Finsbury Pavement, London, E.C.2, announce that a national advertising campaign has been inaugurated in the principal daily and weekly publications of the country. Full particulars, showcards and literature are obtainable from wholesalers or direct from the company at the above address.

£300 COMPETITION.—J. W. Lightbown & Sons, Ltd., Accrington, Lancs, whose agents for the wholesale and retail chemists' trade are Thos. Christy & Co., Ltd., 4-12 Old Swan Lane, London, E.C.4, invite applications for samples and terms in connection with a jig-saw puzzle and a criticism of a series of advertisements for which they offer 400 cash prizes. Full particulars are given on the coupon in each box.

LADIES' RAZOR SET.—A dainty razor set intended for use by ladies is issued as Souplex Nymph Razor Set. A bakelite box, measuring 3 by 2 by $\frac{1}{2}$ in., contains a razor, miniature shaving brush and soap and two razor

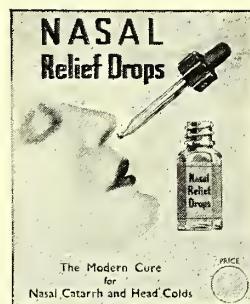


blades. The outfit is issued by Souplex, Ltd., Morecambe.

"PROFESSOR FLINT HAS ARRIVED."—The International Bottle Co., Ltd., 48 Fore Street, London, E.C.2, announce that the illustration to which they have given the name "Professor Flint" will in future appear on all I.B.C. advertisements as a pointer to the company's products and policy.

CHANGE OF ADDRESS.—Ru-Mari, Ltd., announce that their new address is First Avenue Hotel, High Holborn, London, W.C.1, and a new retail price of Ru-Mari. Supplies are obtainable from the usual wholesale houses.

NASAL RELIEF DROPS.—Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool, have introduced a stoppered bottle with glass tube and rubber attachment for the relief of nasal congestion. The formula is declared, and the chemist's name may be printed in a space allotted on the label. Each bottle is packed in a cardboard container.



POND'S PRODUCTS.—Elsewhere in this issue an announcement is made that new packs for Pond's two creams will be marketed in the jade-green colour scheme already adopted for their other products. Messrs. Pond will refrain from advertising the new style of container until January 1 in order that chemists may be able to dispose of their old stock. A special notice is made in regard to orders during October. Display material is available on application.

PHOTOGRAPHIC DIARY.—As was briefly announced in last week's *C. & D.*, the 1936 edition of the "Wellcome Photographic Exposure Calculator, Handbook and Diary" is now available. This popular annual is a source of accurate information, much of which is unobtainable elsewhere. The contents of the Diary have been thoroughly revised, the exposure and development factor tables having been brought up to date. The value of the widely-used Wellcome exposure calculator has



been enhanced this year by redesigning the calculator disc to accommodate the new plates and films of higher speeds. The monographs on subjects of practical interest to photographers include those on development, intensification, printing, enlarging, toning, staining, colour photography and infra-red photography. For the cine worker, a section on exposure and development of cine films is included. Half a dozen Diaries are issued in an attractive display outer.

HALIBUT-LIVER OIL.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, in reminding us that the 1935 halibut-liver oil season is now practically over, mention that the highest vitamin A content they have obtained this season has

been 211,000 international units per gram, equivalent to a blue value of 6,300. The average vitamin A potency has been 61,700 international units per gram, equivalent to a blue value of 1,870. The vitamin D potency has varied from 2,300 to 2,800 international units per gram.

ESSENTIAL OILS GRAPH BOOK.—A. Boake, Roberts & Co., Ltd., Carpenter's Road, Stratford, London, E.15, have issued a book of graphs showing the spot, London, values of some twenty leading essential oils from 1916 to 1934. Printed on pp. 14 by 9½ in., the graphs show at a glance the fluctuations in values that have taken place during the past nineteen years. We understand copies may be obtained by firms connected with the essential oil trade, upon application to the Stratford offices of the company.

LISTERINE TOOTH PASTE.—Lambert Pharmacal Co., 38 Standard Road, London, N.W.10, announce that Listerine Tooth Paste is now packed in a new giant size, and an advertising campaign is being conducted in women's magazines. Listerine Tooth Paste is non-gritty and has an acceptable flavour with agreeably refreshing after-effects. The Perma-Grip Prophy-lactic Tooth Brush has just been introduced on to this market by this firm. Attractive display material, a specimen of which is illustrated herewith, is available for counter or shelf use. It is claimed that the method of manufacture prevents the loosening of the bristles.



which is illustrated herewith, is available for counter or shelf use. It is claimed that the method of manufacture prevents the loosening of the bristles.



their new winter showcard for a period of fourteen days during November. An intensive advertising campaign is in progress and will be continued during the winter. Particulars are obtainable from the above address or from the usual wholesalers.

Business Changes

THE CITY OF LONDON RETAIL TRADERS' ASSOCIATION has now the telephone number City 4444.

MISS M. GODDARD, chemist and druggist, has opened a business at 20 South Road, Waterloo, Liverpool.

MR. ROBERT BURGESS, chemist and druggist, is shortly opening a business at 438 Queen's Drive, West Derby, Liverpool.

MR. PERCY CHEETHAM, chemist and druggist, has transferred his business from Birchington to 133 Canterbury Road, Westbrook, Margate.

MR. LESLIE WILLIAMS, chemist and druggist, 6 Aughton Street, Ormskirk, will shortly open a pharmacy at Liverpool Road, Maghull, Lancs.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary, 1935, p. 323.

(From "The Trade Marks Journal," September 25, 1935.)

- "**MASTINE**"; for preparations for udder ailments in cows (2). By H. C. D. Goledge, Silchester House, Preston Grove, Yeovil, Som. 561,440.
- "**CY JACK**"; for chemicals (2). By Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, S.W.1. 562,571.
- "**MALLASTO**"; for plasters (3). By W. Mallard & Co., Ltd., 4 Mallard Street, Hackney Wick, London, E.9. 560,211.
- "**NOXACORN**"; for liquid corn removers (3). By Noxacorn Co. Inc., 469 Fifth Avenue, New York City, U.S.A. 560,296.
- "**INSIPIO**"; for medicinal chemicals, excluding soap (3). By Lyssia-Werke, Dr. Kreuder Chem. Pharm. Laboratorium G.m.b.H., Walkmühlstrasse, 26-28, Wiesbaden, Germany 561,070.
- "**PARMINTABS**"; for medicinal tablets containing mint (3). By International Laboratories, Ltd., 30-42 Smedley Street, London, S.W.8. 561,103. (Associated.)
- "**GIP**"; for pills (3). By H. C. Parry, George Street Chambers George Street, Grimsby. 561,739.
- "**HUSALBA**"; for medicinal chemicals (3). By Chemischtechnische Gesellschaft, G.m.b.H., Exterstrasse 4, München Pasing Germany. 562,051.
- "**BROTOIDS**"; for medicinal chemicals (3). By H. Astle, 5 Parliament Street, Nottingham. 562,444.
- "**KEMDEX**"; for powder for cleaning dentures (3). By Associated Products, Ltd., Kemdent Works, 31A Denmark Road, West Ealing, London, W.13. 562,289. (Associated.)
- "**VERACOLATE**"; for medicinal chemicals (3). By W. R. Warner & Co., Ltd., 300 and 302 Gray's Inn Road, London, W.C.1. 562,309.
- "**IRRAVITA**"; for medicinal chemicals (3). By Radiovin (Vitamin D), Ltd., 107-108 Upper Thames Street, London, E.C.4. 562,338.
- "**ILIREN**"; for medicinal chemicals (3). By Bayer Products, Ltd., 33 to 34 Basinghall Street, London, E.C.2. 562,574.
- "**EXHYDRON**"; for all goods (3). By Society of Chemical Industry in Basle, 141-227 Klybeckstr., Basle, Switzerland. 562,481.
- "**RESISTMET**"; for all goods (8). By The Expanded Metal Co., Ltd., Burwood House, Caxton Street, Westminster, London, S.W.1. 561,957.
- Letters "S M V" in design form on diamond shape ("S M V" disclaimed); for all goods (8). By Sun-Vic Controls, Ltd., 118-120 Charing Cross Road, London, W.C.2. 561,776.
- "**SALKON**"; for india rubber surgical contrivances (11). By G. L. Barron, 25 Shore Road, London, E.9. 559,908.
- "**EMITOME**"; for contrivances for the aid of deaf persons (11). By T. Thirsk, 18 Constance Road, West Croydon, Surrey. 562,462.
- "**THRIVO**"; for a food for mothers and infants (42). By Nomolas Ltd., 33 St. James's Street, London, S.W.1. 560,008.
- "**MOMILK**"; for milk foods (42). By Allen & Hanburys, Ltd., 37 Lombard Street, London, E.C.3. 561,676.
- "**MICRONIZED**"; for perfumery, etc. (48). By The Dubarry Perfumery Co., Ltd., Goldstone Laboratories, Hove Park Villas, Hove, Sussex. 561,486.
- Design representing comedian's hat and eyebrows (48); for cosmetics (48). By Blanche Littler, 288 Albemarle Street, London, W.1. 561,827.
- RECTIFICATION OF THE REGISTER
Trade-mark No. 441,692 registered in Class 48 by Rose Hamilton has been removed from the Trade Marks Register in pursuance of an order made under the application of Lewis's, Ltd.

(From "The Trade Marks Journal," October 2, 1935.)

- "**IMMUNOL**"; for disinfectants (2). By Monsanto Chemicals, Ltd., Victoria Station House, London, S.W.1. 561,681.
- "**KILSAN**"; for liquid disinfectants sold in drums and barrels (2). By Hull Chemical Works, Ltd., Kirkby Street, Kingston-upon-Hull. 559,441. (Associated.)
- "**NARCOVET**"; for chemicals (2). By Bayer Products, Ltd., 31-34 Basinghall Street, London, E.C.2. 562,575.
- "**BOLIAC**"; for chemicals (2). By Pan Britannica Industries, Ltd., 14 Waterloo Place, London, S.W.1. 562,754.
- "**GALLESTOL**"; on name-plate design; for medicinal chemicals (3). By Efekaneopharm A.G., Nordfelderreihe 5, Hanover. 559,360.

Births

Notices for insertion in this column must be properly authenticated

DAVIS.—At the nursing home, Looe, on October 7, Edith Florence, the wife of Reginald J. Davis, M.P.S., Polperro, of a daughter.

WILSON.—On October 8, the wife of J. A. Wilson, chemist and druggist, Croftend Avenue, Glasgow, of a daughter.

Marriages

ELLIOTON—GRANT.—At Christ Church, Erith, on September 23, Victor Henry Elliston, chemist and druggist, Pembroke Parade, to Mabel Mary Grant.

LE MAY—MCKIM.—At Victoria Place Baptist Church, Paisley, on October 2, Arthur Henry Le May, chemist and druggist, to Betty Galbraith McKim.

MAIR—LAMONT.—At St. Mary's Church, Odstock, Salisbury, on September 26, John Nicol Mair, chemist and druggist, Newburgh, Aberdeenshire, to Agnes Mary Lamont.

MORTIMER—SMITH.—At Holy Trinity Church, Blackpool, on October 2, William Herbert Mortimer, chemist and druggist, to Emmy Phyllis Smith.

PARKER—SIMPSON.—At St. Walburga's Church, Shipley, near Bradford, on October 9, Thomas Brook Parker, elder son of Mr. George Brook Parker (governing director, Brook, Parker & Co., Ltd.), Hollin Close, Bradford, to Nora Simpson, only daughter of Mr. A. H. Simpson, Woodview, Redburn Avenue, Shipley.

STEEL—GREENFIELD.—At Doncaster Parish Church, recently, Henry Steel to Audrey Ellicott, only daughter of Mr. H. H. Greenfield, chemist and druggist, Doncaster, formerly of Sheffield.

Deaths

CHASE.—At Southsea, on October 14, Mr. Henry John Chase, chemist and druggist. Mr. Chase qualified in 1895, and for many years owned a business at 147 Albert Road, Southsea, since acquired by Mr. A. G. Bradburn. Mr. W. J. B. Murray (chairman) represented the Portsmouth Branch of the Pharmaceutical Society at the funeral.

DALTON.—At Bournville, on September 28, Mr. Thomas Duncan Dalton, chemist and druggist, aged sixty-six.

FRAY.—At Bolton, on September 22, Mr. Edwin Fray, chemist and druggist, aged thirty.

LOW.—Recently, Mr. John Low, chemist and druggist, Blackhill, co. Durham, aged seventy-one.

MOORE.—At Beckenham, on October 2, Mr. Arthur Moore, chemist and druggist. Mr. Moore qualified in 1891.

SHARLAND.—In a London nursing home, on October 15, Mr. Charles Norman Abbott (Peter) Sharland, chairman of Sharland & Co. (London), Ltd., export merchants, Eldon Street House, Eldon Street, E.C.2.

SPENCER.—On October 14, as the result of a collision, Mr. Kenneth Ian Spencer, M.P.S., 70 Gainsborough Road, Leicester, aged twenty-three. Mr. Spencer had been a student in the Pharmacy Department of the Leicester College of Technology for several years, and took a course for the Pharmaceutical Chemist examination which terminated in July. He was referred in botany and was granted the Chemist and Druggist diploma. He was expecting to take botany again at the December examination. Mr. Spencer had this year been awarded certificates in pharmacy and pharmaceutical chemistry, which were to have been presented to him at the prize distribution held at the College on October 15.

THORNTON.—At 100 Landor Road, London, S.W.9, on September 23, Mr. Leonard Booker Thornton, chemist and druggist, aged seventy-five.

Personalities

COUNCILLOR E. C. LAST, chemist and druggist, Watford, is Mayor-elect of the borough.

MR. ALFRED HORNBY, Ph.C., Hastings, and Mrs. HORNBY celebrated their golden wedding on October 6.

MR. IVOR OWEN, chemist and druggist, Penarth, and Mrs. OWEN celebrated their silver wedding on October 6.

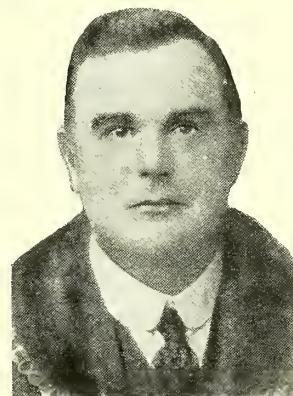
MR. R. A. SHARP, Ph.C., Uxbridge, was installed Worshipful Master of the Hillingdon Lodge, No. 3174, on October 10.

MR. W. H. SMITH, chemist and druggist, Camberley, Surrey, was installed worshipful master of the Border Lodge, No. 2475, in the Province of Hampshire and the Isle of Wight, on October 8.

COUNCILLOR H. S. TURNER, chemist and druggist, St. Ives (Hunts), who has been Mayor for the past two years, has consented to continue in office for another twelve months. This will be the fourth time he has filled the civic chair.

MR. E. WALLACE, who is the new chairman of the Association of British Chemical Manufacturers, presided at the annual dinner of the Association, held at the Dorchester Hotel on October 10, 1935, owing to the absence through illness of Dr. F. H. Carr, C.B.E., F.I.C.

COUNCILLOR C. H. AVERILL, chemist and druggist, the Mayor-elect of Lichfield, is a native of Stafford and a member of a family which has resided in the county for over 300 years. He is a son of the late Mr. Henry A. Averill, Ph.C., who was in partnership with his brother, Mr. John Averill, Ph.C., Stafford, for over fifty years. Councillor Averill was educated at King Edward VI School, Stafford, afterwards proceeding to Denstone College. He was apprenticed to his cousin, Mr. George Averill, Ph.C., Rugeley, later continuing his studies in London, where he filled a position in the West End. He then obtained appointments in Hertfordshire and Tunbridge Wells, and in 1900 purchased the business of the late Mr. J. J. Perkins, chemist and druggist, Tamworth Street, Lichfield, which he carried on for seven years. He afterwards acquired his present business premises in Conduit Street. In 1925-26 Councillor Averill was Sheriff of Lichfield, and in the former year was elected a member of the City Council. Mr. Averill is well known in the district as a sportsman. He is a fairly regular follower of the hounds, as well as occupying the position of secretary of the Hunt Poultry Fund. The Mayor-elect is a brother of A. W. Averill, Archbishop of New Zealand.



COUNCILLOR C. H. AVERILL

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, October 21

London Medical Exhibition, Horticultural Hall, Greycoat Street, Westminster, London, S.W.1. 11 a.m. to 6.30 p.m. Continues until October 25.

Wednesday, October 23

Pharmaceutical Society of Great Britain (Glasgow and South-Western Scottish Branch), "The George," Union Street, Glasgow. Whist drive and dance. Reception, 7.30 for 8 p.m. Whist, 8 p.m. Supper, 9.30 p.m. Dancing, 10.30 p.m. to 1 a.m. Tickets, 4s. 6d. each.

Telegrams : "Aboine Sedit London."

TRADE MARK
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1141

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H.R.H. the Prince of Wales speaking at the British Legion Conference on June 11th said . . . "the responsibilities of the Legion are growing, and the calls upon our funds—owing to the advancing age of ex-Servicemen—are not diminishing."

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M/140. Ideal razor strop	C/110. Vitatherm hot-water bottles

THE
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Employment with Investment

PHARMACY has fortunately been singularly free from the undesirable attentions of persons who adopt as a field of operation for fraudulent purposes, what should be, and often is, a perfectly legitimate business transaction, namely employment with investment. The unfortunate feature of the swindles is that young men with a capital sum insufficient to finance a pharmacy of their own, yet eager to start their business career as part-proprietors, are usually easy victims to the machinations of the schemers. It will be recalled that after the war many ex-officers who were demobilised with their gratuity parted most easily with their money and gained nothing save disillusionment and penury. The fact that this method of fraud has continued so long suggests that operators have found a relatively safe method of theft without having to pay the penalty. The method of procedure of individuals operating this fraudulent scheme—so far as the drug trade is concerned—is to insert an advertisement in a newspaper asking for a qualified manager to conduct the business of a company which is about to be formed. An offer is made of a stated salary with a substantial commission, and in addition interest is offered upon the capital invested, the interest also being quite substantial. When a private company is formed the only money actually in being is that put up by the victim. The person who signs the company's memorandum, agreement and articles of association is a confederate who, having received his share of the spoils, promptly disappears. The result is that when affairs take the wrong turning, as they are bound to do, the investing pharmacist finds that the person whom he interviewed in the first instance did not sign the articles of association of the company, but in point of fact this matter was attended to by the vanished confederate. Outraged victims fear to report the matter lest a prosecution should involve them in further expense which they cannot afford. In every case, however, where such fraud is committed it is desirable that the injured party should at once report the matter to the police, give full details of the case and decide to pursue the matter to its most desirable conclusion. There remains only the consolation of having brought to book a rather unpleasant type of individual, and at the same time of having prevented fellow pharmacists from being plundered. Young pharmacists with capital to invest are therefore well advised to consider very carefully any offer brought to their notice of employment with investment. *Bona-fide* offerers will welcome the most searching investigation of their credentials. Others who have adopted this scheme as an easy means of making money will act differently.

September Trade Returns

THE Trade and Navigation monthly accounts issued this week show that our international trade during September was barely up to that of the immediately preceding months. Imports of all classes of merchandise, exclusive of bullion, were valued at £60,830,697, compared with £59,145,107

during August, and £57,913,335 in September, 1934. The increase in our imports is no doubt due to our greater industrial activity. Our total exports, including re-exports, amounted to £37,909,103 for the month, a drop of slightly more than £1,000,000 compared with the preceding month, but £700,000 up on the shipments of September, 1934. The debit trade balance for the month amounted to £22,921,594, against £20,076,591 in August and £20,706,251 for September, 1934. This is the first month this year that the debit balance has increased. The value of imports for September of the "Chemicals, Drugs, Dyes and Colours" group jumped to £1,049,689, compared with £1,005,000 in the previous month, and £986,196 in September, 1934. Our total imports for the nine months of this year amount to £8,426,500, some £20,000 in excess of the total for the same period of 1934. The value of our exports and re-exports of this group during September reached the excellent total of £1,638,262, compared with £1,553,000 in the previous month. For the first nine months of 1935 the value of our shipments amounted to £15,282,101, compared with £14,162,378 for the same period of 1934. The credit trade balance this year up to the end of September amounted to £6,855,601, compared with £5,720,420 during January–September, 1935. These figures indicate that, while our imports of the chemicals group are more or less stationary, our exports and re-exports continue steadily to increase.

Our Trade with Canada

THE report on the Economic Conditions in Canada (1934–1935) compiled by the Senior Trade Commissioner in Canada and issued by the Department of Overseas Trade (Stationery Office, price 4s.) provides the first opportunity to review the effect of the Ottawa Agreements on our inter-trade with the Western Dominion. In view of the Canadian parliamentary election results of this week the Report is of particular interest. The following table composed of figures extracted from the reports of the years in question is a record of Canada's trade in all classes of merchandise:—

Year	TOTAL IMPORTS			TOTAL EXPORTS		
		From United Kingdom	From U.S.A.		To United Kingdom	To U.S.A.
1932 ...	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1932 ...	452,614	93,508	203,549	493,809	178,172	162,631
1933 ...	401,214	97,878	217,291	531,749	210,697	170,541
1934 ...	513,469	113,418	293,779	652,887	270,333	222,544

It will be noted that, whereas the 1934 Canadian imports of United Kingdom goods increased by about 15½ million dollars, the imports from the U.S.A. went up by over 76 million dollars, and that Canada's total exports during 1934 increased by 121 million dollars, of which the United Kingdom took nearly 48 million dollars more than the U.S.A. By many millions of dollars we are Canada's best customer, but we are still a long way behind the premier position as a supplier. In two years our shipments to Canada have increased by barely 20 million dollars; in the same period our imports from the dominion have jumped up by 92 million dollars. Our chief imports are, of course, agricultural and animal products, Canada being given a free and open market in these, as in other commodities, and we provide them with an adequate protective tariff against foreign competition. They, in turn, reciprocate only to the extent of a restricted preference on our goods in so far

as they are not competitive with domestic production. The comparative figures for 1932-1934 of our inter-trade in chemicals and allied products are of interest:—

Year	TOTAL CHEMICAL IMPORTS	From United Kingdom	From U.S.A.	TOTAL CHEMICAL EXPORTS	To United Kingdom	To U.S.A.
1932 ...	\$'000 27,861	\$'000 4,719	\$'000 17,275	\$'000 11,033	\$'000 2,923	\$'000 4,664
1933 ...	24,068	5,293	13,602	12,604	2,902	5,711
1934 ...	28,149	6,164	16,575	14,350	3,258	6,331

The Trade Commissioner's observations on the inter-chemical trade are enlightening; he points out that . . . "there is comparatively little import trade in chemicals of such kinds as are made in Canada" . . . Referring to medicinal products and proprietaries, he states . . . "United Kingdom exports are relatively small on account of local production." These figures cover the first two years' operation of the Ottawa Agreements and, unfortunately, they bear out the opinion we expressed last year (*C. & D.*,

September 29, 1934, p. 483) to the effect that the Agreements generally, and in respect of the chemical trade in particular, are much too one-sided in favour of Canada.

We, in this country, are not likely to increase our shipments to Canada, in general merchandise or in chemicals, until the basis of preferential treatment is made equal on both sides. Our agricultural industries have had to be subsidised because of unrestricted Empire competition, notably from Canada, and we have jeopardised our export trade to foreign countries because we have, in effect, stopped them selling in our market, solely for the benefit of Canada and other parts of the Commonwealth. It is not our purpose to comment on Canada's disinclination to allow the products of our industry to compete with the chemicals she produces (although she is permitted that facility here); we do, however, venture to suggest the returns call for her serious consideration, with a view to increasing in margin, and extending in scope, the limited preferences at present in operation and so allow us to supply substantially more than one-fifth of her imports of chemicals and allied products.

A Pharmacologist

on "Pharmacy"

THE solemn precincts of the lecture theatre at 17 Bloomsbury Square, London, W.C.1, took on an unusual aspect of liveliness on the evening of October 3, when the members of the National Association of Women Pharmacists held the opening meeting of the session. The president of the Association (Mrs. Herbert Skinner) was supported on the platform by the president of the Pharmaceutical Society, and over 100 members and friends were present. Included in the company were four members of the Pharmaceutical Council besides the president—Mrs. Freke, Messrs. A. R. Melhuish, H. Skinner and J. C. Young. Dr. C. H. Hampshire was also present, together with Mr. Peter Irvine, Mr. G. A. Tocher, Mr. P. D. Goodwin (vice-president of the Western Pharmaceutical Association). Miss Muriel Bolton (past-president of the Hull Branch of the Pharmaceutical Society) presented to Mrs. Skinner, on behalf of the women pharmacists of Hull, a sheaf of white roses.

THE CHAIRMAN introduced Dr. Philip Hamill, Lecturer in Pharmacology at St. Bartholomew's Hospital College.

Dr. Hamill's Address

For an hour DR. HAMILL kept his audience interested and amused with his unusual outlook on "The Pharmacist, the Poison and the Public." The art of the poisoner, he said, had come down through the ages, and one found poisoners generally among those who were weaker than their fellows. The art appealed specially to women, as it was easy to remove a friend or an enemy by the poison cup or a dose in the curry, and in India the practice of suttee provided an excellent life assurance for the husband. Passing from Mithridates to the Middle Ages, he pointed out that the guilds and corporate bodies which acted as collectors, dealers and manipulators of drugs administered an oath to their members after apprenticeship which somewhat resembled the Hippocratic oath.

He said the status of the pharmacist permitted of greater latitude in the sale of poisons than would otherwise be justifiable; but there seemed to be a tendency to forget that what is familiar to pharmacists is not so to others, and this fact is frequently evident in the use of abbreviated and slipshod terms. In institutions where nurses are trained it is essential that poisons should be accurately labelled, and the tendency on the part of lady dispensers to allow tidiness to become an obsession which precludes more important things should be firmly repressed. He had seen bottles containing glycerin, thymol, co. labelled "Thymol" and some containing syr. chloral, hyd. labelled "Chloral," so nurses got the idea that both thymol and chloral were liquids. He animadverted on the apparently unrestricted sale of well-advertised proprietaries which, although not strictly poisons, had a deleterious effect if taken indiscriminately, and he counselled pharmacists to consider how far they were justified in stimulating the sale of such products.

He created some amusement by connecting the discovery of vitamins and the lessened incidence of rickets with the prevalence of silk stockings and abbreviated skirts. Finally he gave useful hints on what the pharmacist should do in cases of poisoning, and recommended the provision in every pharmacy of an emergency outfit, the most valuable asset being a douche can and rubber tube for washing out the stomach.

Discussion and Vote of Thanks

THE CHAIRMAN, in an able speech, intimated that although they had listened to much that was useful and instructive they, the women pharmacists, had their own opinions about many of the points which he had raised, and these opinions did not quite coincide with Dr. Hamill's.

MISS BOLTON asked the speaker how far he considered the pharmacist was justified in revising the prescriptions of house doctors, as they were frequently put in such a shortened form that the requirements were not clear.

MISS EDMOND inquired as to the correct procedure in the case of an institutional pharmacist who received orders for "iodine" or "picric acid" when tincture of iodine and a one per cent. solution of picric acid were intended. If the pharmacist, she said, labelled these in accordance with the contents of the bottles the ward sister would probably return them as not being what the medical officer had ordered. DR. HAMILL'S reply was that the hospital pharmacist needed even more tact and discretion than the pharmacist in retail business.

In proposing a vote of thanks to Dr. Hamill, THE PRESIDENT OF THE PHARMACEUTICAL SOCIETY said he was disappointed that Dr. Hamill had not given them a definition of a "poison." He genially twitted the speaker on many of the points that he had raised in connection with the poison law and the use of poison bottles for internal medicines. He assured him that pharmacists had a high sense of their responsibility to the public and many times refused to supply a drug which might be injurious, instancing a recent case where he had refused to supply a "dangerous" drug to a medical man who was personally unknown to him.

MRS. IRVINE, in seconding, took up the cudgels on behalf of women—potential poisoners or conservatives—and said that whatever might be the case in civilised countries in the uncivilised parts of the world the proximity of women was believed to take the venom out of the poison and they were therefore kept at a distance while the witch doctors brewed the poison. As for women being conservative, she said, amid much laughter, they had to keep on an equality with their men colleagues. She also pointed out that so far from the scruple weight being obsolete, as the lecturer had asserted, she saw prescriptions practically every day in which the scruple sign was used, and some doctors still wrote prescriptions which called for preparations which appeared in the B.P., 1868.

Pharmaceutical Society of Ireland

Council Meeting

THE October meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on October 8, Mr. D. Warwick (the retiring president) in the chair. Other members of the Council present were Messrs. J. F. Costello, F. J. Fitzpatrick, Dr. J. A. Mitchell, Sir Thomas Robinson, Miss F. M. Flood, Messrs. M. J. Keiran, P. J. Fielding, J. A. Duggan, P. Brooke Kelly, K. Whelehan, B. Hickey, J. A. O'Rourke, M. J. Parkes, J. Gleeson, J. T. Dwyer, C. Cremen and P. C. Cahill. An apology for inability to attend was received from Mr. D. W. P. Boyd.

ELECTION OF PRESIDENT

Proceeding to the election of officers for the year 1935-36, MR. WARWICK said: Our first duty to-day is to elect a president for the ensuing year. It gives me very great pleasure to propose the election of Mr. Costello for the office. I have just been looking through the records of the Society, and I find that during the sixty years of its existence we have had twenty-eight presidents. Out of that twenty-eight only seven were from the country. There were two from Belfast, two from Cork, one from Enniscorthy, one from Coleraine, and one from Newry. Then there is myself. I don't know where I should

Addressing the Council, the new PRESIDENT said: I wish to thank you for the honour you have conferred on me. It is a big undertaking, and I am afraid I will not be able to maintain the high standard set by Mr. Warwick during his year of office. However, with your usual kind co-operation and help I will do my best to further the interests of the Society. I thank you again. (Applause.)

ELECTION OF VICE-PRESIDENT

MR. HICKEY said he had great pleasure in proposing Mr. James O'Rourke for the office of vice-president. He felt that in putting forward his name he was doing something good for their profession. Mr. O'Rourke was one of the young men who came into the Council some years ago, whose coming was not for honour or glory, but to get work achieved. He had worked all along those years with sincerity and enthusiasm for the welfare of pharmacy. Some of the seeds sown by Mr. O'Rourke in his first years, he was pleased to see, were now bearing fruit. Mr. O'Rourke had worked very hard for the Council and the profession in general, and he felt he was one of the best suited to the vice-chair.

MR. WHELEHAN, in seconding Mr. Hickey's motion, said Mr. O'Rourke was a real asset to pharmacy. If he had one trait more than another, it was his obvious sincerity in everything he did.

Declaring Mr. O'Rourke unanimously elected vice-president, THE PRESIDENT said he had much pleasure in welcoming him to the vice-chair. He knew Mr. O'Rourke was a capable man and able to fill any position with ability and credit.

Having taken the vice-president's seat, Mr. O'ROURKE said he wished to thank the Council sincerely for the honour conferred upon him. He wished to express his deep appreciation for electing him to this high office, although he felt unworthy of the honour, since there were many members of the Council with long and honourable careers in pharmacy, and other walks of life, who could have filled the vice-chair. He regarded his election as a great compliment, and a further indication of the tolerance and goodwill which permeated the whole Council. He promised to do his best to uphold the high traditions of this sixty-year-old office. He hoped to do his best, and that the Council would feel satisfied at the end of his term.

RE-ELECTION OF TREASURER

MR. O'ROURKE, moving the re-election of Mr. Fitzpatrick for the office of honorary treasurer, said Mr. Fitzpatrick had filled this particular office of the Society with great success during several years, and he did not think they could find anybody who would make a greater success of it. In the matter of finance he did not think they could find any more suitable man.

SIR THOMAS ROBINSON, seconding the proposal, observed that he did not remember anybody who brought such ability to the discharge of the duties of this office of treasurer as Mr. Fitzpatrick. They were under a great debt of gratitude to him for his services in the past, and he was sure Mr. Fitzpatrick would continue to give those valued services in the coming year.

Acknowledging his re-election, MR. FITZPATRICK said he would always do his best for pharmacy. He thanked the president and members of the Council for the complimentary things they had said; he felt he had so much to say the previous night that it was not necessary to say anything that day.

APPOINTMENT OF AUDITORS

On the motion of MR. FITZPATRICK, seconded by MR. BROOKE KELLY, Messrs. Davis and Griffin, Dawson Street, Dublin, were appointed auditors to the Society.

PRESENTATION OF BADGE

The ceremony of presenting a replica badge to the outgoing president was then proceeded with.

THE PRESIDENT said there was no need to remind members of the Council of the capable and efficient manner in which Mr. Warwick carried out his duties as president last year. It was a pleasure to feel that he was still a member of the



THE NEW PRESIDENT PRESENTING A REPLICA OF THE PRESIDENTIAL BADGE TO THE EX-PRESIDENT

be placed with regard to origin. From this record I see Cork and Belfast have had equal innings, and this is the first time we have had a representative from the West. To use the words of the song, I should say, "The West's Awake." I feel the man we are going to put in the chair will uphold the honour and dignity of the office, and prove a success in the affairs of the Council and in his relations with the members. I find myself in rather a unique position in proposing Mr. Costello for election, since fifteen years ago it was my pleasure to examine him, and now I am putting him in the chair. I feel that as president he will uphold the dignity and honour of the chair, as well as if not better than ever before. I have much pleasure in proposing Mr. Costello.

MR. FIELDING: Mr. President, Cork and Galway do not always see eye to eye in harbour matters, but in matters pharmaceutical we are at one. As an ex-president, I have great pleasure in seconding your proposal. I know from my own knowledge, apart from the meetings here, that Mr. Costello is held in the highest esteem in the West. In the words of the old song, "He's The Man for Galway." I have much pleasure in seconding Mr. Costello's election.

There being no other nomination, Mr. Costello was declared unanimously elected amid applause. The new president, having been invested with the badge of office by the outgoing president, then took the chair.

Council, and he hoped that Mr. Warwick's sound judgment would always be a guiding factor at their meetings. (Applause.)

MR. WARWICK, replying, said he wished to express his thanks for the kind memento the Society had given him. It was not necessary for him to have a memento, since the spirit of good will, co-operation and help he received during his year of office would always be a happy memory for him.

MR. FITZPATRICK pointed out that the replica presented to Mr. Warwick was copied from the badge presented by the late Mr. Wells, who was Mr. Warwick's employer and later became his father-in-law.

ELECTION OF COMMITTEES

On the motion of MR. FITZPATRICK, seconded by MR. O'ROURKE, all the committees of the Council were re-elected, with the addition of Mr. P. C. Cahill to the House Committee.

REGISTRATION ITEMS

Mr. Trevor W. Wright, R.D., applied for restoration to the R.D. Register. The application was granted.

Mrs. Sewell (*née* Hoy), M.P.S.I., wrote enclosing certificate of her marriage to Mr. John Sewell, M.P.S.I., Killarney, and desiring change of name in the Register. The change of name was approved.

The following, who submitted certificates from other bodies, were granted Preliminary registration: Messrs. N. Beirne, J. F. Chambers, J. Dunphy, P. O'Connor, and L. M. Sandvoss.

Changes of address were notified by the following:—

Mrs. Sewell, M.P.S.I., from 63 Clontarf Road, Dublin, to Sewell's Medical Hall, Killarney. E. J. Connolly, M.P.S.I., from 12 James Street, Drogheda, to 55 Liberty Square, Thurles. P. J. Hogan, M.P.S.I., Asst., from 3 Hillsdale Terrace, Fermoy, to 4 Iona Road, Dublin. F. X. Mcagher, M.P.S.I., from 2 Clyde Road, Ballsbridge, to 10 Upper Baggott Street, Dublin. T. H. Brabazon, L.P.S.I., from 1 Waverley Terrace, Kenilworth Square, to Ard-Na-Creenna, Templeogue, Dublin. C. D. O'Shea, L.P.S.I., from 19 St. Finbar's Place, French's Quay, Cork, to Matthew Thomas & Co., Ltd., Corner Summerhill South and Evergreen Road, Cork. Mrs. N. E. Harrison, L.P.S.I., from 52 Bulfin Road, Inchicore, to Medical Hall, Carnew, co. Wicklow. G. W. Sleator, L.P.S.I., from Woodsgift,

co. Kilkenny, to Kill, Deans Grange, Blackrock, co. Dublin. J. J. Rohan, L.P.S.I., Asst., from c/o Matthew Thomas & Co., Ltd., Barrack Street, Cork, to Sutton Pharmacy, Sutton, co. Dublin. W. S. Rutledge, L.P.S.I., from The Diamond, Magherafelt, co. Derry, to Broken Hill, Northern Rhodesia. D. C. Bree, Asst., from The Quay, Westport, co. Mayo, to 59 Rathgar Road, Dublin.

REPORTS FROM COMMITTEES

The reports of the House, Law, Schools, Certificates and Declarations Committees were submitted and approved.

The registrar reported on the deaths of G. W. Whitney, L.P.S.I., and Walter Boyd, R.D.

EXAMINATION REGULATIONS

On the proposition of MR. O'ROURKE, seconded by MR. J. GLEESON, the following motion was adopted:—

"That Regulation III of the Regulations for the Qualification of Assistants to Pharmaceutical Chemists be deleted, and the following Regulations be enacted in lieu thereof: 'The fee to be paid by each candidate on making application for examination or re-examination shall be two guineas. Successful candidates will be required to pay a further fee of one guinea for registration, and no person shall be entitled to style himself or herself a qualified Assistant, or to act as such until he or she shall have registered.'

"That Regulation XVIII of the Regulations for the Pharmaceutical Licence examination be amended by deleting the words: 'ten shillings and sixpence' at the end of the first paragraph and inserting in lieu thereof the words 'one guinea.'

"That this Regulation take effect on and from February 1, 1936."

ELECTIONS AND NOMINATIONS

The following were elected members of the Society: Messrs. P. Coleman, E. J. Connolly, Mrs. D. Jameson, Messrs. T. F. Kelly, F. McMahon, C. J. Maguire, Miss K. O'Shea.

Mr. Patrick MacNamara, Pallasgreen, co. Limerick, and Mr. J. D. O'Connell, The Medical Hall, 43 Bank Place, Mallow, were nominated for membership.

On the motion of Mr. HICKEY, seconded by Mr. O'ROURKE, a vote of sympathy with Mr. John Whelan, M.P.S.I., Mr. Michael Whelan, M.P.S.I., Galway, and the other members of their family was passed in the bereavement which they suffered recently.

Pharmaceutical Society of Northern Ireland

Annual Meeting

THE annual meeting of the Pharmaceutical Society of Northern Ireland was held on October 7 in the assembly room of the Society's headquarters, the president (Mr. Fred Storey) in the chair. The attendance included Messrs. W. S. Taylor (vice-president), Samuel Gibson (treasurer), A. C. McBride, R. I. Edwards, H. S. Forrest, W. J. Busby, James Allen, E. J. Roberts, Charles Abernethy, James McDowell, J. T. Nicholl, W. C. Tate, J. A. McRoberts, W. Martin, H. F. Moore, John McGregor, H. Johnston, E. A. Richey, John Adams, S. S. Badger, Dr. S. E. A. Acheson, Messrs. W. Gilmore, A. Steede, J. Taggart, J. K. Guiler, Samuel Hogg, G. W. T. McCann, H. A. McKinty, T. A. Gibson, J. Ritchie and D. L. Kirkpatrick (secretary).

Apologies for absence were received from Mr. James Glendinning (Londonderry) and Mr. H. J. Cousley. Mr. Glendinning, it was reported, was suffering from a chill and had intended being present with Mr. Maxwell.

MEMBERS OF COUNCIL ELECTED

MR. R. I. EDWARDS (scrutineer) announced the result of the Council election (*C. & D.*, October 12, p. 439). He stated that 500 papers were issued; 327 were returned, of which 308 were valid, nineteen invalid, one not in order, and fourteen were from members whose subscriptions had not been paid.

THE PRESIDENT declared Messrs. Moore, Connor, Glendinning and McDowell as elected members of the Council for the next three years. He congratulated them on their return, especially the two new members. Mr. Richey had put up a good fight, and would probably have better luck next time.

MR. MOORE, in acknowledgment, said he highly appreciated being at the top of the poll with Mr. Glendinning. He hoped to do his duty faithfully and truly while he was on the Council.

MR. McDOWELL also returned thanks for his election. He would endeavour to do his best to fulfil his election programme, which was not a rash one. If he had been better known he might have been further up on the poll, but he was quite content where he was. His programme was service, not self, and he would endeavour to live up to it.

PRESIDENT'S ADDRESS

MR. STOREY, in his presidential address, referred to the improvement in the attendance, which showed that the change of hour was successful. The past year had been an outstanding one, and one of great importance to pharmacy in Northern Ireland owing to the visit of the British Pharmaceutical Conference, which was such a great success. He felt that visit had done much to enhance the prestige and status of pharmacy in Northern Ireland.

They acknowledged with grateful thanks the magnificent hospitality extended to the Conference by the Lord Mayor of Belfast (Sir Crawford McCullagh, Bt.); the Senate and Vice-Chancellor of Queen's University; Prime Minister and Government of Northern Ireland; and also for the facilities afforded them by the Municipal College of Technology, Portrush Urban District Council, and Holywood Golf Club.

The hand of death had been in their midst during the year; he had to refer to the death of Mr. W. J. Busby, jun., Belfast, the holder of the first certificate the Society issued. He was

a young man of great promise, every inch a gentleman, and he was a great loss to pharmacy. Their sympathy went out to his father and mother on the death of their only son. Both he and his father were chemists and members of their Society. Mr. S. L. Cleland, Belfast, was known to most of them and very highly respected. In his case their sympathy went out to his son (who was also a chemist and member of their Society) and family. By a peculiar coincidence both those chemists were in business in the same district. He had also to refer to the death of Mr. Robert Ramsay, Ph.C., Ballycastle, a well-known provincial chemist. They had also lost by death a registered druggist, Mr. William Baxter, who had been in the wholesale business.

He was happy to say the libel action which the Council had against the proprietors of "The Irish Chemist and Druggist" had been happily settled. One could not but admire the handsome way they made amends by a full and ample apology and paying all costs. The action was necessary to vindicate the Council and examiners.

During the year members of the Council paid a visit to Derry, where he had the pleasure of investing the past-president (Mr. Maxwell) with a replica of the presidential badge. The Londonderry chemists entertained them and attended in full force with their lady friends. Those meetings outside Belfast were of great help and benefit and should be encouraged.

Referring to the examination results, Mr. Storey said in December 1934, in the Preliminary Scientific 52 entered, 12 passed, 27 were referred, 10 failed, 3 were absent. In the Final (Part II) the figures were 25, 16, 6, 3, and 0 respectively, making the totals 77, 28, 33, 13, and 3 respectively. There was an exceptionally good class of candidates up for this examination; only three failed, and two gained gold medals, viz., John Noel Patterson, who also won the Fairchild scholarship, and Edward Webb. In June 1935, in the Preliminary Scientific, the figures were 71 entered, 24 passed, 22 referred, 23 failed, 2 absent. In the Final (Part II) the figures were respectively 36, 6, 19, 11, 0, making the totals 107, 30, 41, 34, and 2 respectively. The totals for the year were 184 entered, 58 passed, 74 referred, 47 failed, and 5 absent. A number of candidates came down rather badly by not carefully and correctly reading prescriptions they had to compound, although they had exceptionally good marks in other subjects. It seemed extraordinary, and whether it was due to excitement or not he did not know.

As to the issue of licences for the year ended December 31, 1934, pharmaceutical chemists numbered 455 and registered druggists 42. The number of names in the registers was:—

Pharmaceutical chemists	856
(of which 468 were members)	
Superintendents of bodies corporate (Ph.C.)	66
Chemists and druggists	11
Registered druggists	140
Certified assistants	6
Apprentices	558

He was sorry to see the decrease in membership. Efforts should be made to remedy that. Every chemist and every druggist should be a member or associate, and he hoped the matter would be taken up.

The Pharmacy Inspector paid 1,267 visits of inspection during the year, and there were eleven Council meetings, eight Education Committees, one Law Committee, and four House Committees. Certificates issued during the year were:— Licence 22, Preliminary Scientific 36, Preliminary 40. In the Pharmaceutical Preliminary results of the Queen's University of Belfast, autumn 1934, one candidate passed at Preliminary standard. In the summer of 1935 one candidate passed at Matriculation standard and five passed at Preliminary standard.

They were making a change in the syllabus, proceeded Mr. Storey, to bring it up to date by introducing physiology and reducing the amount of work necessary for botany and pharmacognosy. There had been a very noticeable decrease in the number of apprentices since they increased the standard for their entrance examination. The entrance examination was now on their own Preliminary examination, Senior Grade, Queen's Matriculation, or any examination recognised as equivalent to the matriculation. The reduction in the number of apprentices was good for the trade all over. Regarding the teaching facilities in the provinces, they were doing all they could to encourage classes. It was difficult to get the numbers to make up classes and sometimes difficult to get teachers. The Council was willing to help in every possible way, and had lent apparatus to some of the schools. They still had

candidates going forward for B.Sc. in Pharmacy. During the year Mr. Pinkerton got his degree.

The British Pharmacy and Poisons Act was being brought into force in Great Britain, and the Ministry would be well advised to see it well tried out there before making any change here. Personally, he did not think it would assist them very much here. Their headquarters had been kept in good order, and was very largely used during the year for social functions in connection with the Conference. It was hoped that these social functions would be continued. The students were taking full advantage of their library and museum. They appealed against the revaluation of the premises and got a substantial reduction.

Their relations with other bodies continued to be most friendly. During the past year he paid a courtesy visit to the Pharmaceutical Society of Ireland in Dublin, where he received a very hearty welcome. Mr. David Warwick, president of the Pharmaceutical Society of Ireland, returned the call and received an enthusiastic welcome. It was hoped these courtesy visits would continue now that they were established, for the two societies should work in harmony. He received an invitation to attend and speak at the annual dinner of the Ulster Medical Society and was very warmly received. The toast of "The Pharmaceutical Society of Northern Ireland" was proposed by Dr. R. Maitland Beath, who spoke in highly appreciative terms of the importance of their Society. This was the first occasion they had been officially recognised by the Ulster Medical Society. Their Society was asked to take part in a joint meeting with the medical profession under the auspices of the British Medical Association arranged for by the Pharmaceutical Society of Great Britain. The lecture was well attended by both the medical profession and pharmacy. The president of their Society was included in the official invitations in connection with the city and other important societies and organisations. During the year they instituted the presentation of certificates to their licentiates. This was much appreciated by the recipients and brought them into touch with their Council, which he thought was a good idea and showed the licentiates that the Society was interested in them. In closing Mr. Storey asked them to pull together and work together for the best interests of pharmacy, and so enhance the position of the chemist in the eyes of the public.

FINANCIAL STATEMENT

MR. S. GIBSON read the financial statement, showing a balance on the year's working of £805 9s. 2d. The Society's balance sheet showed assets valued at £11,781, including £5,419 11s. invested.

MR. S. S. BADGER moved the adoption of the financial statement, which he described as most satisfactory.

MR. W. C. TATE seconded the motion.

MR. E. A. RICHEY, referring to his defeat at the election, said he was not disappointed. He might have another shot. As to the licence fee, could it not be made to include membership? The fees brought in £700. He thought the Society should go in for lectures. The only one they had had was only an advertisement for the B.P.C. They should have lectures of use to the members.

MR. J. McGREGOR said the surplus was tremendous, and if those who applied for membership were refunded £1 or £1 10s. out of the £3 3s. licence fee it would be a help. There was nothing to prevent their giving it back if they wished. He wished to congratulate the Society on the wonderful results of the year's working.

THE PRESIDENT said the membership fees were £107, against £135 the previous year. They reduced the subscriptions about two years ago to a nominal fee of 5s. The question of handing back some of the licence fees had been discussed, but how were they going to carry on the Society if they did that? In 1932 the surplus was £1,269, against £800 this year. In 1933 the surplus was £1,049, and last year it was down to £700. He did not see any legal reason why something should not be handed back, but what would be the result? The Government took half of the fees and relieved the Society of inspection, prosecutions and collection of fees, all of which were done by the Home Office out of their £768 12s. If there was a fine, two-thirds of the benefit came to the Society. If they handed back part of the fees the Home Office might come and increase their quota of the amount. It looked all right on the surface, but they could not carry on the Society for £768. Examination fees would in future be less, owing to the decrease in the number of apprentices coming forward. He felt it was not a

healthy proposition at all, but as a matter of fact it was raised at the September Council meeting by Mr. Abernethy and referred to the Finance Committee. He agreed with Mr. Richey that there should be more lectures. Last year was exceptional as they had the visit of the British Pharmaceutical Conference. Their own members could give lectures, and he had heard Mr. Richey give a very good one.

MR. RICHEY said his idea was that every man who paid his licence fee should be automatically registered a member.

THE PRESIDENT said he would like notice of that. He did not think they could do that.

MR. McGREGOR said that the fee was much higher than in England.

THE PRESIDENT said it was entirely different in England.

MR. McGREGOR: We are paying 30s. or £2 a year more than in England.

MR. BADGER thought a reduction of fees for apprentices' lectures was more urgent. In country districts where membership was small the fees were high. In Magherafelt this year, for instance, the fee for physics was £4 a term. He was as anxious as anyone else to get money refunded, but he thought in country districts where the apprentices' fees exceeded those of Belfast the balance should be paid to the local technical schools. If that were done the boys would appreciate the help of the Society and eventually become members. He admitted the Society had done a great deal, but it could do a great deal more.

THE VICE-PRESIDENT expressed agreement with Mr. Badger. The classes were very heavy on the apprentices. In Enniskillen chemistry costs each boy £5 5s., and botany something the same. In these circumstances technical schools were not so anxious for these classes, as the cost of teachers was very heavy. In Belfast the apprentices paid 7s. 6d.

MR. J. ADAMS advocated a scheme to restrict the sale of medicines to pharmaceutical chemists. If that were done there would be no complaint about licence fees.

THE PRESIDENT: You have struck a very popular note, Mr. Adams.

MR. ADAMS: It is a sore point with many of us. There are grocers all round us selling everything but poisons.

THE PRESIDENT said that boys coming to Belfast had to pay lodgings, etc. The whole matter could be dealt with by the Council. In his view they would not have as big a surplus in future. He would like to see a definite income from investments. Mr. Adams's point had been the subject of a deputation to the Minister of Home Affairs, and at that time they hoped to get a Schedule of potent substances, but the Minister said he would make no move till he saw the English Bill and how it worked. The Council had never lost sight of the matter.

MR. ADAMS said if pharmaceutical chemists were depending on dispensing for their business not 5 per cent. would be in business. The Council should keep hammering at it, for the stuff being sold by non-chemists was ridiculous. Imitation medicines were being sold, and the condition of affairs from the pharmacists' point of view was very unfair.

THE PRESIDENT said that the matter could be taken up with the Home Office. A great many of their own men were, unfortunately, to blame for this state of affairs.

THE VICE-PRESIDENT, referring to the £3 3s., said they all hated paying (a Voice: No), but there was a certain amount of value in it. The financial report was adopted.

VOTES OF THANKS

MR. McBRIDE moved a vote of thanks to Mr. Storey. He had been president on two occasions and had conducted himself with superability, inasmuch as he was also chairman of the Local Conference. The Conference had enhanced their position in England. They were sorry to lose him, but were grateful to him for his services and those of Mrs. Storey. He had opposed him, but he admired him and his great knowledge of pharmacy.

MR. JAMES McDOWELL, as an opponent in a friendly way, he said, of Mr. Storey, seconded the vote of thanks. There was, however, no spite, and he admired the work Mr. Storey had done. He had been a bundle of energy and had done a lot of work. He wished Mr. Storey every success in his retirement.

MR. H. F. MOORE associated himself with the tribute to Mr. Storey. He deserved the best of praise for his work, but at a future date he hoped to see him back. (Applause.) If a history were written Fred Storey's story of the story of the Pharmaceutical Society would be a great one. They were also indebted to Mrs. Storey for her services.

MR. R. I. EDWARDS said success had attended all Mr. Storey's work as president of the Society and chairman of the Conference Committee. The delegates to the Conference felt that they had a magnificent time. He hoped they would yet have Mr. Storey back with them.

MR. C. ABERNETHY said he had always admired Mr. Storey, who had always been straight in his actions and out for the uplift of pharmacy. When he had had a proper rest he hoped he would come back. The vote of thanks was passed by acclamation.

MR. STOREY, in reply, said Mr. McDowell thought he was right, and he thought he was right. (Laughter.) He thanked all who had spoken so kindly of his services. They were out to make the Conference a success at all costs. They had succeeded in making it a huge success. He had been in London last week and had learned that a number of the Conference were coming back to Ulster again, so greatly had they been charmed with it. He was sorry at having to drop out of the Council, but if wanted in the future he might come back. At the moment, however, he could not come back. He made up his mind to retire, and wished to thank all his colleagues for their support. He would always cherish pleasant memories of the happy time he had spent there. He wished the new members all success.

DR. ACHESON, moving a vote of thanks to the treasurer (Mr. Gibson), said that last year £40,000 was paid out to chemists for dispensing under N.H.I. N.H.I. was working very successfully.

MR. W. MARTIN seconded the motion, which was supported by MR. EDWARDS and passed.

A hearty vote of thanks was also passed to Mr. Kirkpatrick (secretary) on the motion of MR. ABERNETHY, seconded by MR. BADGER, and supported by MR. EDWARDS, each of whom referred to his great work for the Conference and his unfailing courtesy at all times.

MR. GIBSON and MR. KIRKPATRICK replied, the latter expressing regret at the loss of Mr. Storey, whom he described as "a live wire."

A vote of thanks was also accorded to the trade Press for its services during the year. A social hour followed.

Chemical and Medical Tests

THE National Health Insurance Act of 1928 provided that the term "medical treatment and attendance" should include the provision of "such chemical reagents as may be prescribed" by regulation. At the present time the clinical reagents allowed under this clause are Benedict's and Fehling's solutions for urine testing in the case of persons receiving treatment for diabetes. Other preparations that may be said to be employed for testing purposes are solutions of peptone for skin tests in protein therapy for asthma patients or tuberculin used as a diagnostic test. It is not usual for insurance committees to allow indiscriminately prescriptions which order material for the purpose of diagnosis.

To gain some idea as to why some preparations are allowed and others are disallowed a rough kind of classification may be attempted. There is a difference to be observed between the use of the various preparations; for example, peptone solutions are for test purposes applied directly to the human body. A barium meal is not "treatment," it is a step towards diagnosis; but as it is a test applied direct to the patient such prescriptions might be allowed when issued to an insured person. Other forms of test prescriptions are those dealing with substances or preparations to be applied to material apart from the human body, and these are generally disallowed. A blood test or the examination of sputum for tuberculin are not tests which form a proper charge on insurance funds. But the testing of urine by Fehling's or Benedict's solution, though the operation falls into the "not applied to the human body, internally or externally" class, is specially allowed by the Medical Benefit Regulations; and so prescriptions for Fehling's or Benedict's may be properly issued by practitioners and are paid for from insurance funds. It is the doctor's duty to treat his patient; to treat successfully a correct diagnosis of the illness is necessary; and if certain steps must be taken to secure that diagnosis, any special charges incurred should be borne by the medical practitioner and not by the insurance committee.—VIATOR (4/10).

Pharmaceutical Society of Great Britain

London Examination Results

THE following are the results of the examinations held in London during October:—

No.	PRELIMINARY SCIENTIFIC EXAMINATION				CHEMIST AND DRUGGIST QUALIFYING EXAMINATION			
	Absent	Failed	Referred	Passed	Absent	Failed	Referred	Passed
Entered for Prelim. Sc. exam.	176	5	103	32	36	—	—	—
Referred subject in Prelim. Sc. exam.	85	1	—	34	50	—	—	—
Entered for C. and D. exam.	181	—	—	—	5	76	52	48
Referred subject in C. and D. exam.	127	—	—	—	2	—	18	107
	569	6	103	65	86	7	76	70
								155

Candidates have been referred as follows:—Botany, 40; chemistry, 16; physics, 10; pharmacognosy, 5; pharmacy, 29; pharmaceutical chemistry, 10; forensic pharmacy, 26.

Candidates have failed as follows:—Botany, 91; chemistry, 93; physics, 78; pharmacognosy, 45; pharmacy, 59; pharmaceutical chemistry, 53; forensic pharmacy, 63.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following candidates have satisfied the examiners in this examination:—

Ainley, W., Huddersfield
Anker, F. A., Kettering
Bailey, E. G., Kingsland
Baker, J. V., Leigh-on-Sea
Baldry, S. R., Grantham
Banks, N. L., Portsmouth
Bartholomew, E., Brynamman
Bate, H. R., Devonport
Batty, N. C., Keighley
Beal, J. M., Reading
Beardsell, F., Holmfirth
Bennett, E. L., Bristol
Best, P. E., Yate
Bishop, A. K., Goodwick
Bishop, Sylvia C., Sidcup
Blatchly, H., Bridgend
Bowen, C., Pontypool
Bowler, E. G., Bath
Brooks, Mabel, Lytham
Brown, E. B., Southport
Buchanan, Jean, Kew
Budd, H. S., Bridgnorth
Burke, F., Blackburn
Burrell, Violet W., Hackney
Cashmore, W., Birmingham
Chambers, C. C., Grantham
Chaplin, E. R., Stowmarket
Chatburn, P. M., Manchester
Cheney, R. E., Rugby
Cohen, G., Liverpool
Collins, A. E., Tooting
Collinson, H. A., Grimsby
Cond, W. G., Finstall
Conick, T., Ashton-under-Lyne
Cooke, R. W., Birmingham
Cormes, S. W., Chilham
Cotterill, E., Macclesfield
Cottrell, E. H., Nottingham
Courtney, R. L., Bristol
Cowcill, A., Stoke-on-Trent
Cowell, K. W., Darlington
Cox, F. L., Nottingham
Dale, J. R., Liverpool
Davies, C., Boncath

Dempsey, A. W., Portsmouth
Dickins, T. W., Leicester
Doble, H. T., Bath
Duguid, A. R., Portsmouth
Ellis, S. B. J., Chatham
Emeles, G. A. A., Battle
Emens, Joan May, Bath
Fell, S., Nelson
Fielden, R., Rochdale
Forryan, L. W., Leicester
French, O. T., Leigh-on-Sea
Gardiner, H. F. W., Barry
Goodfellow, W., Birtley
Goodson, S., Nottingham
Gordon, C., Salford
Graham, A. L., Freshfield
Gration, M., Bradford
Green, J. W., Smethwick
Griffiths, E. I., Haverfordwest
Grove, W. H., Worcester
Grubb, C. S. E. T., Paignton
Guppy, F. T. H., Yeovil
Hall, B. J., Manchester
Harrison, W. H., Wrexham
Hawkins, J. B., Bridlington
Heigh, W., Gateshead
Herring, W. M., Leamington Spa
Hessian, Beryl C., Tamworth
Hibbert, S., Whitchurch
Howells, Marion E., Bristol
Hughes, S. B., Cardiff
Jacob, R., Manchester
Jacobson, S. P., Strand, Cape Province, S.A.
Jenkins, C. D., Aberfan
Jones, J., Penmaenmawr
Jones, J. S., Cardiff
Jones, J. W., Handsworth
Jones, M., Port Talbot
Kapota, S., Bournemouth
King, Phyllis M., Boscombe
Kitson, J. G. L., Beverley
Lang, J. P., Plymouth
Lishman, A. W., Norwich
Lloyd, E., Dolgelly

Lucas, W. S., Willesden
Lusby, B. J., Hull
Lyons, F. A., Acton
Mabbs, C., Liverpool
Marcus, C., Mile End
Margetson, H. E., Cheltenham
Marks, H. S., Wolverhampton
Martin, F. B., Handsworth
Martin, Margaret E., Redhill
Maxey, R. J., Forest Gate
Michelbacher, F. G., Huddersfield
Miles, Sybil, Oxford
Mobbs, S. A., Gorleston
Morley, J. W., Sutton-in-Ashfield
Moth, F. S. V., Portsmouth
Mundell, E. G. T., Ryde
Murray, R., Barnsley
Osborn, G. C., High Wycombe
Painter, K. A., Leicester
Patch, A. R., Sherborne
Pattison, S. V., Aintree
Pearson, Annie H., Marsden
Phillips, W. Y., Cullercoats
Platt, A., Manchester
Pye, T. E. B., Sunderland
Rackley, W. G., Milford Haven
Radmore, W. F., Birmingham
Rauf, R., Hackney
Rodger, K. S., Crewe
Rolle, N. H., Northampton
Rose, K., Manchester
Rubery, J. W., Sheffield
Rushbrook, H. E., Hull

Sansom, R. W., Poole
Scaddan, G. W., Fulham
Shaw, S., Cleckheaton
Shelley, T., Bilston
Shuttleworth, F. E., Bath
Smith, A. K., Doncaster
Smith, S., Spalding
Smith, W. C., Sheffield
Squires, W. E., Bristol
Stather, D. B., Sheffield
Taylor, F. T., Macclesfield
Thompson, J., Barnoldswick
Thorpe, S. V., Pontypridd
Tomski, H. W., Stockwell
Turner, P. G., St. Ives
Tyler, R., Doncaster
Underwood, C. R., Mansfield
Waring, G. T., Loughborough
Warrick, R. M., Bromley
Warwick, Gladys M., Brampton
Wilcock, Jean M., Cleator Moor
Williams, G. E., Manchester
Williams, M. R., Troedyrhiew
Williams, W. H., Liverpool
Willoughby, Vera E., Hull
Wilson, J. E., Swansea
Winbolt, A. E., Grays
Windsor, S. J., Golders Green
Wolfenden, W., Manchester
Wood, J., Mossley
Woodward, J. F., Bedford
Woolston, A. L., Desborough
Wright, J., Penrith
Yates, E., Ashton-under-Lyne

Chile Nitrate and Iodine

DURING the year ended June 30, 1935, twenty nitrate plants were in operation. Of these, sixteen worked throughout the entire year. Total production was as follows, in metric tons:—

Plants	Location	Production
12	Iquique	388,000
2	Tocopilla	609,000
3	Antofagasta	93,000
3	Taltal	43,000
		1,133,000

Exports during the year totalled 1,281,000 metric tons, of which roughly 30 per cent. went to the United States and 65 per cent. went to Europe. Stocks did not vary greatly during the year, remaining at the end of June 1935 at approximately 1,146,000 metric tons. Through the operation of the present law governing nitrate activities, all production continues in private hands and all sales and exports are subject to monopoly by the Nitrate and Iodine Sales Corporation.

Iodine production during the year ended June 30, 1935, amounted to about 587,000 kilograms and exports to 502,000. Other by-products include sodium sulphate, of which 28,000 tons were produced and 41,000 tons exported. In addition, to the sodium sulphate and iodine, the latter of which is produced in sublimed and refined forms, studies are being made regarding the production of pure potassium nitrate, sodium iodide and iodate, potassium iodide and iodate, magnesium sulphate, and sodium carbonate.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 17

BUSINESS in all markets has been on an increasing scale during the past week. With this better demand the general tone is much brighter and most changes in values notified are to higher figures. It has been evident that consumers view the present political situation with some apprehension as one that might lead to sharp recoveries in prices; in many instances their orders have been for quite good quantities. The demand for PHARMACEUTICAL CHEMICALS, which showed some sign of recovery recently, has been much better, orders being plentiful for fair quantities. This week an advance in ROCHELLE SALTS is advised, due to higher cost of raw materials. With a further dollar rise in the metal this week, MERCURY SALTS appear to be due for an advance. IODIDES, with practically no Japanese competition, are now fully steady and an upward move would not be surprising.

Crude Drugs

Business in these natural products has again been quite good, and the feature of spot shortage has spread to other products. The demand for AGAR continues brisk and values are again dearer and firm. Curaçao ALOES are being inquired for, but spot is practically cleared and shipment offers are very difficult to obtain. ARNICA FLOWERS are quoted dearer forward. A further advance in the shipment price of Japanese CAMPHOR is recorded, market firm and good business. Chinese CANTHARIDES are quoted sharply dearer from the source. The one or two lots of Spanish or Portuguese ERGOT offered for shipment have been snapped up at very high figures, and the market now seems to have dried up. West African GINGER has soared to good rates, but the Jamaican product is so far unchanged. Matto Grosso IPPACUANHA of B.P. test is very scarce on spot. LIQUORICE ROOT has met with a better demand. MENTHOL has not quite maintained its former strong tone. Spanish-Italian MERCURY continues to advance on an exceptionally brisk market. Florentine ORRIS ROOT is firmer and sharply dearer. China reports no stocks of RHUBARB available for shipment. All SEEDS markets continue firm and active. Spot values for SQUILL are dearer. Para TONKA BEANS are firm on spot, with new crop indicated at strong figures. New crop Belgian VALERIAN ROOT is quoted for shipment. BFRS' and CARNAUBA WAXES have been in better demand, and spot supplies are at a low level.

Essential Oils

Quite a good volume of general business is reported in these products, with BERGAMOT and LEMON the outstanding features. The former has again been in very active demand and business has been substantial; values have advanced sharply and tend to go still higher. Sicilian hand-pressed LEMON has also been called for in good volume, and prices have advanced, closing firm and tending to go higher. The Californian oil has also been advanced sharply. Dutch CARAWAY is reported firmer at the source. Java CITRONELLA has fallen back to former low values. New crop French Guinea ORANGE seems to be of general interest, with offers competitive. Japanese PEPPERMINT is not such a strong market forward; spot and afloat seem to be the steadiest positions; Japanese shippers' quotations are easier. Business in the FIXED OILS market has been very good, and values are mostly on a higher scale and firm. PALM, RAPE, GROUNDNUT and PALM KERNEL are firm. LINSEED is steadier and American TURPENTINE is quoted dearer.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	October 17	Value of £
Amsterdam	Fl. to £	12·107	7·25	12/0
Berlin	Mks. to £	20·43	12·21	11/11 $\frac{1}{2}$
Brussels	Belgas to £	nominal	29·19	16/7 $\frac{1}{2}$
Copenhagen	Kr. to £	18·159	22·40	24/8
Lisbon	Esc. to £	110	109 $\frac{3}{4}$	19/11 $\frac{1}{2}$
Madrid	Ptas. to £	25·22 $\frac{1}{2}$	35 $\frac{1}{2}$	28/4
Milan	Lire to £	92·46	60 $\frac{1}{2}$	13/0
Montreal	Dol. to £	4·86 $\frac{1}{2}$	4·9 $\frac{1}{2}$	20/5 $\frac{1}{2}$
New York	Dol. to £	nominal	4·91 $\frac{1}{2}$	20/2
Oslo	Kr. to £	18·159	19·90 $\frac{1}{2}$	21/11
Paris	Fr. to £	124·21	74 $\frac{1}{2}$	12/0
Prague	Kr. to £	164·25	118 $\frac{1}{4}$	12/0
Stockholm	Kr. to £	18·159	19·39 $\frac{1}{2}$	21/4
Warsaw	Zloty to £	43·38	26	11/11 $\frac{1}{2}$
Zurich	Fr. to £	25·2115	15·07	12/0

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

GENERAL routine business has been moving on a very fair scale this week. These markets are not affected by the international situation and the improved demand has been in no way speculative. Prices, with some exceptions, are quite steady. Salicylates have met with an increasing business.

AMIDOPYRIN.—Dealers report fair spot business: crystals, five cwt., 18s. 0d.; two cwt., 18s. 5d.; less than two cwt., 18s. 10d. per lb., with powder 2d. per lb. extra.

AMMONIUM BENZOATE.—The spot inquiry is fair, with values holding at about 3s. 4d. to 3s. 6d. per lb., as to quantity.

AMMONIUM ICHTHIOSULPHONATE.—Dealers report average business at keen figures: one cwt., 1s. 6d. in 14-lb. tins; 1s. 8d. in 1-lb. tins; 1s. 10d. in 8-oz. tins, and 2s. 1d. per lb. in 4-oz. tins.

ASPIRIN.—Makers' scale of prices maintained: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts: Over twelve months, minimum, one ton; over six months, less than one ton.

BARBITONE.—Market is fairly steady and business has been better: spot, one cwt., 1s. 3d.; 56 lb., 1s. 8d.; smaller parcels, up to 16s. per lb.

BENZOIC ACID (B.P.).—Makers' prices steady, fair business: quantities, ex works, 1s. 9d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BENZONAPHTHOL.—Market rather quiet. Small lots from 3s. 2d. to 3s. 3d. per lb.

BISMUTH SALTS.—Makers' scales of prices continue steady at the advance reported last week:—

	Net Monthly Account	Net 14 days (a)		
		Under 8 lbs.	8 lbs. and under 28 lbs.	28 lbs. and under 1 cwt.
		Per lb.	Per lb.	Per lb.
Carbonate	8 6	7 3	6 9
Citrate	11 8	10 5	9 11
Nitrate Cryst.	6 7	5 4	4 10
Oxide	12 8	11 5	10 11
Salicylate	9 11	8 8	8 2
Subchloride	12 5	11 2	10 8
Subgallate	9 7	8 4	7 10
Subnitrate	7 8	6 5	5 11

(a) If sold on monthly account, 3d. per lb. extra charged. (b) A rebate of 3d. per lb. allowed on sales of not less than 2 cwt. (either for prompt delivery or on contract) provided delivery is completed or paid for within three months. Liquor bismuthi B.P., one w-qt., 1s. 1d. per lb.; six w-qts., 11d.; 12 w-qts., 9d.; 36 w-qts., 9d. per lb.

BROMIDES.—Not so much price cutting and the market tends to become much steadier: ammonium, not less than five cwt., 1s. 0d.; one cwt., 1s. 10d.; small quantities, 2s. 5d. per lb.; potassium, B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium, B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb., net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—Rather more inquiry: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CITRIC ACID (B.P. CRYSTALS).—Fair business at keen prices: British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without obligation. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Business up to average, market steady: British material, 99 to 100 per cent., 79s. per cwt., less 2 $\frac{1}{2}$ per cent. discount. Dealers' prices for foreign material competitive.

GUAIACOL (CRYSTALS).—Prices unchanged for Continental material: 28-lb. jars, 1os. 0d.; 14-lb. jars, 1os. 2d.; 1-lb. bottles, 1os. 8d. per lb., ex store. Liquid: 28-lb. demijohns, 9s. 6d.; 14-lb. demijohns, 9s. 9d.; 1-lb. bottles, 1os. 0d. per lb., ex warehouse.

HEXAMINE.—Makers' prices for bulk quantities are competitive; fair business: B.P. powder, from 1s. 3d. to 1s. 4d.; free-running crystals, from 1s. 7d. to 1s. 8d. per lb., carriage paid, for bulk lots.

Dealers quoting free-running crystals, two cwt., 1s. 7½d.; one cwt., 1s. 8d.; 14 lb., 1s. 10d.; smaller parcels, up to 2s. per lb., carriage paid.

IODIDES.—Makers' quoted prices are now fully steady. Potassium Iodide B.P.—1 cwt., 5s.; 28 lb., 5s. 2d.; 14 lb., 5s. 4d.; 7 lb., 5s. 8d.; 4 lb., 6s. 2d.; smaller quantities, 6s. 8d. per lb. Sodium Iodide B.P.—28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 7d.; 4 lb., 7s. 4d.; smaller quantities, 7s. 10d. per lb. Iodine Resub. B.P.—1 cwt., 6s. 1d.; 28 lb., 6s. 3d.; 14 lb., 6s. 1d.; 7 lb., 6s. 1d.; smaller quantities, 8s. 4d. per lb. Iodoform B.P.—28 lb., 8s. 8d.; 14 lb., 8s. 10d.; 7 lb., 9s. 5d.; 4 lb., 10s. 2d.; smaller quantities, 11s. 2d. per lb.; net, cash fourteen days. One cwt. may be assorted at respective minimum prices; 28 lb., may be assorted at respective 28-lb. prices. Jars extra, returnable; 28-lb. tins free, not returnable. Cases free for 1-cwt. lots. Carriage paid on any quantity. Contracts may be booked, with a reduction clause, for 1 cwt. and upwards for delivery over four months. Wholesale distributors' prices for smaller quantities would be dearer.

LACTIC ACID (B.P.).—At keen prices there is a fair business being done: quantities in carboys, 1s. 4d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 9d. per lb., as to quantity.

MERCURIALS.—This market is very steady and tends to advance. Makers quote Chloride, B.P., one cwt., 4s. 9d.; smaller quantities, from 4s. 10d. per lb. Metal values are firm at recent advances.

METHYL SALICYLATE.—Business continues on a good scale, makers' prices maintained: spot, ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 7d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Dealers report fair business, market steady: two cwt., 19s. 3d.; one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, 20s. 8d. per lb.

PARALDEHYDE.—Inquiry about average, market steady: 1 w-quart, 1s. 9d.; 6 w-quarts, 1s. 7½d.; 12 w-quarts, 1s. 5½d.; 36 w-quarts, 1s. 4½d. per lb., carriage paid on minimum 6 w-quarts; one demijohn, 1s. 2d. per lb., carriage paid.

PHENACETIN.—Values are still at low levels with keen competition for a limited business: crystals or powder, bulk quantities, 2s. 7d. to 2s. 8d.; smaller parcels, 2s. 9d. to 3s. per lb., as to quantity.

PHENAZONE.—Dealers doing a limited business at former values: crystals, five cwt., 8s. 9½d.; two cwt., 9s. 0½d., and less, about 9s. 3d. per lb., with powder 2½d. per lb. extra.

QUININE SALTS.—Convention scales of prices continue steady; business about normal: sulphate, 2s. 1d.; bisulphate, 2s. 1d.; ethyl carbonate, 2s. 8½d.; salicylate, 2s. 9½d.; hydrochlor., 2s. 7½d.; bihydrochloride, 2s. 10½d.; hydrobromide, 2s. 7½d.; bihydrobromide, 2s. 10½d.; valerenate, 3s. 7d.; hypophosphite, 3s. 10½d.; alkaloid, 2s. 11d. per oz., carriage paid on bulk quantities; 100-oz. tins free; smaller packing extra. For shipment business the war risks rate of insurance is for buyer's account.

ROCHELLE SALTS.—Makers notify that, owing to an increase in the price of raw materials, their prices have been advanced, as follows:—

	Pulv. Soda Pot. Tart. B.P.	Pulv. Seidlitz	Double Seidlitz
	Per cwt.	Per cwt.	Per cwt.
	s. d.	s. d.	s. d.
Under 1 cwt....	82 6	66 3	73 3
" 5 cwt....	80 0	64 3	71 3
Not less than 5 cwt. in one delivery	77 6	62 6	69 0

Soda Pot. Tart. cryst. at 2s. 6d. per cwt. extra to powder. Special prices for quantities. Contracts are accepted subject to a rise and fall clause. The previous market alteration was on August 30, 1934.

RESORCIN.—Limited demand, values quoted at former figures: crystals; one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

SACCHARIN.—The Convention price is steady: 550, 37s. 6d. per lb., duty paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—More inquiry, makers' prices steady: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 11d.; 4 lb., 2s. per lb.

SALOL.—The agreed scale of prices is unchanged: spot, crystals, two cwt., 3s. 6d.; one cwt., 3s. 6½d.; 56 lb., 3s. 7½d.; smaller parcels, 4s. per lb.; powder, 2½d. per lb. extra.

SANTONIN.—Prices from first-hands steady; some outside cheaper sellers. Not less than 50 kilos., £35 12s. 6d.; not less than 25 kilos., £36 1s.; less than 10 kilos., £36 9s.; not less than 3 kilos., £36 17s.; not less than 1 kilo., £38 13s. 6d.; less than 1 kilo., £39 13s. 6d. Special prices are in operation for export to all markets.

SODIUM BENZOATE (B.P.).—Business is quite good, quotations are keen: one cwt., 1s. 7d.; smaller parcels, 1s. 8d. to 1s. 10½d. per lb., as to quantity.

SODIUM DIETHYLBARBITURATE.—A little more inquiry; quoted unchanged: spot, one cwt., 15s. 9d.; 28 lb., 16s.; 14 lb., 16s. 3d.; 7 lb., 16s. 6d.; smaller parcels, up to 17s. per lb.

SODIUM SALICYLATE (B.P.).—Inquiry continues on the recent better scale; makers' and dealers' quotations steady: home trade, crystals or powder, five cwt., 1s. 8½d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

SULPHONAL.—A limited spot business is being done, dealers' prices steady: crystals or powder, two cwt., 15s. 5½d.; one cwt., 15s. 10½d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 7½d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—No further change in quoted values: British makers quote at 1s. per lb., less 5 per cent. discount. Dealers offering foreign material at competitive prices.

Crude Drugs, etc.

ACONITE ROOT.—A limited business on spot, with holders' values steady. Napellus, 65s.; Japanese, 45s. per cwt., in small lots.

AGAR.—A very nice business continues on spot and for afloat goods, wanted for the Continent. Values are a shade firmer again. The shipment market is steady, with only Kobe No. 2 freely offered: spot, Kobe No. 1, 3s. 6d.; No. 2, 3s. 2d.; Yokohama, No. 1, 3s. 2d. per lb.; shipment, Kobe No. 1, 3s.; No. 2, 2s. 9d.; Yokohama No. 1, 2s. 8½d. per lb., c.i.f. New crop, February-March, Kobe No. 1, 2s. 3d.; No. 2, 2s. 2d.; Yokohama No. 1, 2s. 1½d. per lb., c.i.f.

ALOES.—The position in Cape, spot and forward, is unchanged, and there has been nothing much doing. Spot supplies of Curaçao seem to be practically exhausted; for shipment, it is understood that one or two lots have been booked for October shipment: Cape, spot, 50s. for prime in boxes; shipment, boxes, 45s.; cases, 50s. per cwt., c.i.f. Curaçao, spot, 100s. to 110s., if available; shipment, 92s. 6d. per cwt., c.i.f., business reported with no other offers on hand.

ANTIMONY.—Chinese crude is now quoted up to £38, c.i.f., nominal. English regulus is again dearer at £83 to £84, spot.

ARNICA FLOWERS.—The shipment quotation is reported firmer and up to 1s. 1d. per lb., c.i.f.

BALSAMS.—Market is steady, business on a modest scale: *Tolu*, 1s. 5d. to 1s. 6d.; *Canada*, 2s. 10d.; *Peru*, 5s. 3d. per lb., spot, for small parcels.

BARBASCO ROOT.—This market is still neglected by buyers. Some spot parcels nominally unchanged, as to test.

BELLADONNA.—Dealers report routine small spot orders: leaves, 65s.; root, 57s. 6d. per cwt., spot.

BUCHU.—A few bales are reported to have been cleared at full prices and holders of the very limited stocks on hand are firm at 1s. 4d. to 1s. 5d. for rounds. Ovals are nominal with nothing found on the market.

BURDOCK ROOT.—Occasional small spot demand, with dealers quoting in the region of 45s. per cwt.

CAMPHOR.—Japan reports continued heavy sales, principally in slabs; quotations are again dearer: on spot, tablets, 2s. 6d.; powder, 2s. 4½d.; slabs, 2s. 4d. per lb.; shipment, tablets, 2s. 3d.; powder, 2s. 2d.; slabs, 2s. 1½d. per lb., c.i.f. English refined is still unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparencyt tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ¾ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CANTHARIDES.—Cables from the source indicate Chinese are sharply dearer, the highest figure mentioned being 2s. 6d., c.i.f.: Russian, 6s. 9d.; Chinese, 2s. 6d. to 2s. 8d. per lb., as to quantity, spot.

CASCARA SAGRADA.—Not much business of importance, market steady: shipment, 38s. 6d. per cwt., c.i.f., in car-load lots. Spot, 1934 peel, 41s.; 1933 peel, 47s.; 1932 peel, 52s. 6d. per cwt.

CHAMOMILES.—Average business is reported and prices for good new crop flowers are steady at 120s. to 140s. per cwt., as to quality. Rather cheaper quotations for off-colour flowers.

CLOVES.—Market is steadier but rather quiet: Zanzibar, spot, 7d.; shipment, October-December, 6½d. per lb., c.i.f. Madagascar, in bond, 6d.; shipment, October-December, 5½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended October 12 were nil, and the deliveries 30, leaving a stock of 2,904. From January 1 to date the landings of Zanzibar have been 2,960, and the deliveries 3,150. Landings of Madagascar for the week ended October 12 were 107, and the deliveries 97, leaving a stock of 1,312. From January 1 to date landings of Madagascar have been 3,339 and the deliveries 2,261 packages.

COCOA BUTTER.—Market is rather dearer: prime English, 9½d. to 10d. per lb.; foreign, about 9d. per lb.

COCONUT (DESICCATED).—The market is fully steady and business has been on a fair scale: spot, fine, 24s. 6d.; medium, 24s. 6d. per cwt.; shipment, halves, October, 23s. 3d.; November, 23s. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports rather more interest in the shipment market, with finest Lofoten steam refined non-freezing medicinal oil quoted at 91s. per barrel, c.i.f.: spot, in small lots, 132s. 6d. per barrel, ex store, duty paid. Newfoundland, non-freezing medicinal oil, 130s. per barrel, ex store. British non-freezing medicinal oil is now quoted at 110s. to 112s. 6d. per barrel, c.i.f., London, duty free, while quotations from another home source are at higher figures.

COLCHICUM.—Dealers are finding a limited demand, with small parcels of root on spot about 40s. per cwt. Seeds, about 11d. per lb.

ERGOT.—During the past week there has been extremely few offers for shipment of Spanish or Portuguese; it is understood that the very limited business booked was done up to 5s. 7½d. per lb., c.i.f. Anything more than may be offered would no doubt be still dearer, but reports from the sources indicate that practically everything available has been cleared. On spot the only offerings are a few bags of Russian firm at 3s. 6d., with higher figures asked in one quarter.

GENTIAN.—Some spot supplies of French root are available at about 35s. 6d. per cwt. Fair business.

GINGER.—Values quoted for West African show a further sharp advance, market very steady. The Jamaican product is fully steady, but so far has not advanced: West African, spot, 47s. 6d.; shipment, October-December, 40s.; new crop, February-April, 37s. 6d. per cwt., c.i.f. Jamaican, spot, bold, in barrels, 95s. to 100s.; small grinding, 70s. to 72s. 6d. per cwt., in bags, ex store.

GUM ACACIA.—This market continues firm with values well maintained. As previously reported, shortage of supplies is the strong feature: spot, Kordofan cleaned sorts, 52s. 6d.; bleached, No. 1, 90s. to 92s. 6d.; extra, 100s. to 102s. 6d. per cwt.; shipment, Kordofan cleaned sorts, 50s. per cwt., c.i.f.

HENBANE.—Parcels of new crop are rather slow in moving off; quoted up to 80s. per cwt., spot.

HENNA.—Rather more inquiry, market steady: Indian, 32s. 6d.; Egyptian, 32s. 6d. per cwt., spot.

HONEY.—Business continues on a modest scale, with values keeping steady: Jamaican, dark manufacturing, 31s. up to 48s. per cwt. for pale; Mexican, amber, 38s., duty paid; Cuban, 38s. for pale amber.

HYDRASTIS.—Business in this article remains disappointing but values are steady: spot, 7s. 9d. to 7s. 10d.; shipment, 7s. 6d. per lb., c.i.f.

IEPECUANHA.—The available supplies of B.P. test root are exceedingly small and firmly quoted. Owing to lack of offers, the shipment market is more or less nominal, but up to 5s. 3d., c.i.f., has been suggested by one source: Matto Grosso, B.P. test, 5s. 6d. per cwt., if available, spot.

LIQUORICE ROOT.—There has recently been a steady demand for natural root on spot, and a good deal of stocks have been cleared; holders are now asking £12 to £13 per ton.

MANNA.—Dealers continue to offer selected flake in 1-lb. tins at about 4s. 3d. per lb., spot.

MENHOL.—A fair amount of business has been done in this market during the week, but the tone is not so healthy and, with lower quotations from Japan, the market is inclined to hasten to unload at a slight decline. On spot, K/S brands are now about 14s. per lb. In bond is at about 12s. 6d., and there are at the moment sellers of October-December at 12s. 1½d. per lb., c.i.f. Japanese shippers are quoting at slightly easier terms. October-November, 12s. 6d., and October-December, 12s. 4½d. per lb., c.i.f. Generally the market has been quieter.

MERCURY.—The Spanish-Italian group report a further advance in their shipment quotation, and a continuance of brisk business for all destinations: 59 dollars per bottle, f.o.b. Continent; spot, small lots, £12 12s. 6d. per bottle, ex store.

OPIUM.—Quite a good lot of small spot business: spot, 1s. 5d. to 1s. 5½d. per unit, landed and duty paid.

ORRIS ROOT.—Holders of the limited spot supplies of old crop are moving their prices up to 40s. to 44s. per cwt. for small parcels.

PEPPER.—The recent better values are being steadily maintained: Lampung, spot, 37½d.; shipment, October, 31½d.; October-December, 31½d.; January-March, 34d., c.i.f. Tellicherry, spot, 5d.; shipment, October-November, 44s., c.i.f. Aleppy, spot, 4½d.; shipment, October-November, 43s., c.i.f. White Muntok, in bond, 5½d. shipment, November-December, 5½d. per lb., c.i.f.

PIMENTO.—As quoted, the market continues firm; shipment is again dearer: spot, 4½d. per lb.; shipment, October-November, 37s. per cwt., c.i.f.

QUILLIA BARK.—A limited spot demand with the price about 30s. per cwt.; shipment, about 24s. per cwt., c.i.f.

RHUBARB.—China reports almost complete absence of stocks. Fair spot demand in small lots, Shensi, medium round, 3s. 9d. to 4s.; Canton, 2s. 3d.; rough round, 1s. 3d. to 1s. 4d. per lb., as to quality.

RUBBER.—Values have been moving up during the week, closing at a substantial advance: standard ribbed smoked sheet, spot, 6½d.; November, 6½d.; December, 6½d.; January-March, 6½d.; April-June, 6½d.; July-September, 6½d. per lb.

SAFFRON.—Market continues steady with more inquiry being received: spot, 180s. prime, 38s. 6d.; extra, 36s. 6d.; super, 35s. 6d. per lb., and less for bulk quantities.

SARSAPARILLA.—Modest business reported at former figures: spot, Jamaican grey, 1s. 4½d. to 1s. 5d.; native, mixed colours, 10½d. to 1s. per lb., as to quantity.

SEEDS.—**ANISE.**—Spot, duty paid; Spanish, 72s. 6d.; Bulgarian, 33s. **CANARY.**—Mazagan is dearer, 37s. 6d. to 40s. now quoted, duty paid. **CARAWAY.**—Remains firm: Dutch spot, 43s. 6d., duty paid; 40s., quoted f.o.b., Holland. **CORIANDER.**—Morocco old crop, spot, sold at 19s., and new crop at 18s., duty paid; new crop, for shipment, is 15s. 9d. c.i.f. **DILL.**—Indian, spot, is 16s. 6d. **FENUGREEK.**—Morocco, spot, 14s. 6d. to 15s., duty paid. **CUMIN.**—Malta, spot 47s. 6d.; Morocco, 48s. 6d., duty paid. **MUSTARD.**—English, 24s. to 32s. per cwt., according to quality.

SENEGA.—Rather more inquiry and the shipment market is indicated as slightly better at 1s. 4d., c.i.f. Spot is unchanged at about 1s. 4d. per lb.

Senna.—The mild firmness in evidence last week has become more defined this week, with demand expanding. Tinnevelly: a fair amount of business passing in spot leaves, with some good orders cabled for shipment at firmer rates. Alexandrian: business has been on a fair scale, with some good parcels of leaves and manufacturing pods cleared from the market. Hand-picked pods of good quality continue firm and several lots on spot have had limits increased by 2d. to 4d. per lb.

SHELLAC.—After further advances the market has fallen back, closing about level on the week: spot, standard TN orange, 57s. to 61s.; fine orange, 90s. to 150s.; pure button, 85s. to 95s. per cwt., spot. For delivery, TN, October, 57s. 6d.; December, 58s. 6d.; for arrival, TN, October-November, 63s. per cwt., c.i.f.

SQUILL.—A sharp advance is reported here, with the modest supplies of good white now close up to 35s. per cwt.

STRAMONIUM.—Dealers continue to quote good quality leaves on spot at about 40s. per cwt.

TONKA BEANS.—The very small spot stocks of good frosted Para beans are now firmly held for 3s. per lb. New crop, November shipment, is indicated at 2s. 6d. to 2s. 9d., c.i.f., but so far there are practically no firm offers.

TRAGACANTH.—The bulk of the demand continues to be for medium white grades and values have advanced to £19 to £23, with extremely little available. Textiles have shown a little more life; quoted at 7os. to 9os. Intermediate grades are mentioned at £5 to £6 per cwt.

VALERIAN ROOT.—Some offers of new crop Belgian root have been received, working out at about 52s. 6d. per cwt., c.i.f.

WAX.—BEES'.—With a better demand spot supplies of most kinds are running low and quoted rather firmer. Abyssinian, spot, 110s.; shipment, 103s., c.i.f. Benguella, spot, 110s., nominal; shipment, 99s., c.i.f. Conakry, spot, 110s., nominal; shipment, 100s., c.i.f. Dar-es-Salaam, spot, 112s. 6d.; shipment, 106s. per cwt., c.i.f. CARNAUBA: spot stocks are very limited and quoted firmly. Fatty grey, spot, 175s.; shipment, October-November, 165s., c.i.f. Chalky grey, spot, 175s.; shipment, October-November, 165s., c.i.f. Primeira, spot, good quality is very scarce and firm at 225s.; afloat, 220s.; shipment, October-November, 200s., c.i.f. Mediana, spot, 210s.; shipment, October-November, 190s. per cwt., c.i.f.

Essential Oils, etc.

GENERAL business over a wide range of products has been quite good this week, with Bergamot and Lemon oil the outstanding features. The former has been in active demand and is again sharply dearer and business in Lemon has been considerable. Japanese Pepper-mint is not quite such a strong market this week.

ALMOND.—Continues in limited demand at former figures: English-made, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb.; foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. per lb. French, bitter, 8s. 9d. per lb.

ANISE (STAR).—The spot market has remained rather dull and there has been but small interest in the shipment position: spot, leads, 2s. 1½d.; tins, 1s. 1½d.; drums, 1s. 1½d. per lb., ex store; shipment, leads, 1s. 10d.; tins, 1s. 7½d.; drums, 1s. 7d. per lb., c.i.f.

BAY.—Business well up to average at steady prices: 49 to 50 per cent., 5s. 1½d. to 5s. 4½d. per lb., as to quantity.

BERGAMOT.—Following on the active demand recorded last week, business has continued on an increasing scale and values have persistently advanced. Over the week-end some business was reported at 7s. to 7s. 1½d., and on Monday 7s. 3d. to 7s. 6d. was paid for fair quantities. At the moment holders are taking up a very strong attitude and it is difficult to find a seller of good oil under 8s. to 8s. 6d.; even then sales are mostly being restricted in quantity and to consumers only. There has been active inquiry for shipment, and some orders are stated to have been booked for immediate shipment with up to 7s. per lb., c.i.f., paid. It is now very difficult to get firm and unconditional offers from the source. In some instances an order for another oil has been a condition and in others a guarantee to cover payment has been suggested prior to shipment. Several bids that have been cabled out have so far been ignored; shipment is therefore nominal, but would not be less than 7s. 3d., c.i.f. The sharp and substantial rise in values in this market is, of course, partly due to the political situation in Italy, but the main factor appears to be the comparatively low level of stocks to last till the new crop is ready for shipment in December/January. Up to the end of July approximately 104,000 kilogs. had been shipped to all destinations, and the remaining stocks were then (July 31, 1935) reported to

be 75,000 kilogs. If shipments continue at the same rate as during the first seven months it would mean that all stocks would be exhausted by the time the new crop was ready, instead of the usual substantial carry-over.

BORG DE ROSE.—Market remains dull following the recent decline in the shipment market. Brazilian, spot, 5s. 4d. to 5s. 6d., as to quantity; shipment, 4s. 11d. per lb., c.i.f.

CAYJUPUT.—Rather more inquiry, values steady: B.P., 1s. 10d.; 2s. 1d. per lb., as to quantity.

CANANGA.—The shipment market seems to be rather easier, with offers now going round from 9s. 4d. to 9s. 6d., c.i.f., for a quantity of Singapore oil. The spot quotations are irregular.

CARAWAY.—Reports from the source indicate firmer conditions, and holders of stocks of Dutch rectified here have withdrawn their prices pending further advice.

CASSIA.—The demand on spot has remained poor. Shortly to arrive is quoted from 4s. per lb., landed; shipment is neglected; quoted at 3s. 9d. per lb.

CEDARWOOD.—Inquiry is sustained on a very fair scale, with good quantities at keen prices. African and American oil, 1s. 1d.; 1s. 2d., in drums, with smaller packings up to 1s. 4d. per lb.

CINNAMON LEAF.—With the shipment quotation keeping steady at 2s. 3d. per lb., c.i.f., the spot value tends to harden from 2s. 6d. to 2s. 7d. per lb. for drums, and up to 2s. 9d. for smaller packings.

CIROUNELLA.—The improvement in shipment quotations for Java has not been sustained, and the market remains dull. Ceylon oil is also neglected and quoted at former low values: Ceylon, spot, drums, about 1s.; smaller parcels, 1s. 1d. to 1s. 4d.; shipment, drums, 9d. to 10d. per lb., c.i.f. Java, spot, drums, 1s. 1d. to 1s. 2d.; smaller parcels, 1s. 4d. to 1s. 5d.; shipment, drums, about 1s. 6d. per lb., c.i.f.

CLOVE.—Rather more inquiry, with values keeping steady: Madagascar, spot, drums, 3s. 1d. to 3s. 2d.; smaller packings, up to 3s. 6d. per lb.; shipment, 2s. 7d. per lb., c.i.f. English, 90 per cent., 3s. 8d. per lb., in cwt. lots.

EUCALYPTUS.—This market continues to attract a fair amount of interest, and prices are quite steady: Australian, 70 to 75 per cent., 11d. to 1s.; 80 to 85 per cent., 1s. 0d. to 1s. 1d. per lb., landed; higher prices for small lots or spot. Spanish, 70 to 75 per cent., 1s. 2d. per lb., ex store.

GERANIUM.—Interest in this market has been small and the position generally unchanged: Bourbon, spot, 19s. 6d. to 22s.; shipment, 20s. 6d., c.i.f. Algerian, spot, 21s. to 23s.; shipment, 19s. 6d. per lb., c.i.f. Spot values vary as to quality.

GINGERGRASS.—Average demand on spot for limited quantities; quoted at about 5s. 4d. to 5s. 6d.; shipment, 4s. 4d. per lb., c.i.f., if available; at the moment practically nothing offering.

HO (SHIU).—Rather less business of any size, but values are keeping steady at about 1s. 8d. to 2s. 1d. per lb., as to quantity and quality.

JUNIPER BERRY.—At the recent decline the market is steadier and rather more doing. Standard quality oil, 3s. per lb., spot.

LAVENDER.—A few tentative inquiries in the shipment market, but actual business of importance is lacking. The shipment offers are unchanged, but it seems that shippers are becoming rather apprehensive on account of the continued dull tone, and recent letters suggest a willingness to consider slightly shading their former quotations. There has, however, been no definite break and any appreciable orders would no doubt have the effect of strengthening the position. Mt. Blanc, 38 to 40 per cent., 27s. 6d. per lb., landed. Other oils of good standard quality range from 33s. 6d. for 50 to 52 per cent. esters down to 19s. 6d. for 30 to 32 per cent. Lavandin is also steady with first quality from 16s. to 18s. and second quality from 14s. 6d. to 15s. 9d. per lb.

LEMON.—The better business reported last week has been fully sustained this week, and spot supplies of Sicilian hand-pressed oil have sold at gradually increasing prices from 6s. 6d. over the weekend, followed by 6s. 7d. and 6s. 9d., buyers, and now quoted firmly from 7s. 2d. to 7s. 3d. per lb. for a good brand, and further appreciation is anticipated. The shipment market is also firmer and at the moment it is becoming difficult to negotiate orders; the price indicated is now up to 7s. 3d. per lb. A good many orders have been cabled out, but shipment difficulties are being met with. Californian is firm and has advanced sharply. The demand for spot and shipment has been on a good scale this week. Spot, large drums, 3s. 8d.; small drums, 3s. 8d. per lb. Cold pressed, in cases, is firm at 4s. 10d. per lb., an advance of 7d.

LEMONGRASS.—The shipment market is dull again, with offers at not more than 2s. 0d. per lb., c.i.f. Spot, small lots, about 2s. 6d. per lb.

MANDARIN.—It is very difficult to locate supplies of good oil on spot, and the price is nominal. Shipment offers are now at about 16s. 6d. per lb., c.i.f.

NEROLI.—New crop continues to be offered, ranging from 13s. 6d. to 18s. 9d. per oz., as to quality. There is still a possibility that this product may be exempted from import duty.

NUTMEG.—Average business, market steady. English and American, 5s. 1d. to 5s. 4d. per lb., as to quantity.

ORANGE.—Chief interest has been centred round offers of new crop French Guinea oil with the quotation for a good oil about 2s. 3d. to 2s. 4d. per lb., c.i.f., in drums, for a quantity, and a moderate business is reported. On spot, drums are about 3s., and smaller packings, up to 3s. 4d. per lb. Sicilian bitter oil is still offered from 11s. 3d. per lb., spot. Californian is fully steady. Spot, one case, 2s. 6d.; two or more cases, 2s. 4d.; drums, 2s. 3d. per lb. Values may advance.

PALMAROSA.—Rather more inquiry and quotations for shipment seem difficult to assess at the moment, but 5s. 9d., c.i.f., is about the cheapest mentioned. Spot, about 6s. 3d. per lb.

PATCHOULI.—There has been an increasing demand for Singapore oil, which has been selling round about 10s. per lb.; shipment offers continue over this figure. Seychelles for shipment, 6s. 4d. per lb., c.i.f.

PEPPERMINT.—Following some weeks of steadily advancing markets and a good deal of business, the tone at the moment is not so good. Japanese shippers have discounted their recent offers and there has been a tendency for sellers of October-December to unload, with the usual weakening effect. On spot and near afloat quite a fair business has been done, but even here the tone has lost its former strength. On spot sellers at 5s. 4d. to 5s. 6d., and it was reported that isolated lots had been cleared at less; shipment, October-December, 4s. 7d. to 4s. 9d. per lb., c.i.f., sellers. A parcel to arrive at the end of the month might be picked up at 5s. 2d., landed. Parcels just shipped are offering close up to 5s., c.i.f. Japanese shippers are quoting slightly easier with October-December at 4s. 10d. per lb., c.i.f. American natural oil is about unchanged on the week, and business for this market has been restricted. The source report market there is quite steady and quoted at about 2 dollars to 2 dollars 5 cents for 50 per cent. menthol content, in drums, c.i.f. Oil of substantially lower menthol content, about 1 dollar 75 cents per lb., c.i.f.

SANDALWOOD.—Genuine East Indian Mysore, 19s. per lb., in one-case lots, on spot; market is rather unsteady, with cheaper offers in some quarters, particularly for good quantities. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10d.; 14 lb., 7s. per lb. Australian, case lots, 15s. 3d. per lb.

SASSAFRAS.—Moderate business at former figures. Natural oil, 4s. to 4s. 2d. per lb. Artificial at cheaper prices.

SPEARMINT.—No more than normal business in this product: spot, 8s. to 8s. 2d.; shipment, 7s. 4d. to 7s. 6d. per lb., c.i.f.

SPIKE.—This market is keeping fully steady, although inquiry remains slow. Spanish, new crop, 4s. 7d. to 4s. 8d. per lb., landed, for fair quantities.

WINTERGREEN.—Dealers' prices for small quantities on spot are about 6s. per lb.

WORMSEED.—A little more inquiry, market steady: spot, 8s. 9d.; shipment, 8s. 3d. per lb., c.i.f.

Fixed Oils, etc.

THE general tone in these markets is firm and quoted values have in nearly every instance advanced. Business has been moving on a good scale. ACID OILS.—Market has advanced and is now firm: coconut and/or palm kernel, nominal; groundnut, 21s. 1d.; soya, 18s. 1d., spot.

CASTOR.—The market continues fully steady at the further advance: pharmaceutical 47s.; first pressings, 42s.; second pressings, 40s. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 32s. (drums), c.i.f.

COCONUT.—At the higher values now quoted the market is quieter: deodised, 32s. 3d. (barrels), spot; Ceylon, 22s. (drums), c.i.f.

CORTON.—Market continues fully steady and values show a further slight advance: deodised, 34s.; common edible, 32s.; soapmaking, 29s. 3d.; crude, 28s. 6d. (barrels), spot.

GROUNDNUT.—Market is firm at the further advances: deodised, 42s. 6d. (barrels), spot; crude Oriental, 29s. 6d. (drums), c.i.f.

LINESEED (RAW, NAKED).—Market continues firm at the recent advance: spot, 28s. 9d. in small quantities; November, 26s. 3d.; November-December, 26s. 4d.; January-April, 26s. 7d.; May-August, 26s. 10d. per cwt. Boiled oil, spot, 30s. 9d.

OLIVE.—Very firm conditions in this market and values are again dearer: edible, in tins in 10-gallon cases, 82s. to 84s.; in drums, 6s. to 6s. 3d. per gallon. Market tends to advance still higher.

PALM.—Values are again sharply dearer and the market continues firm: Lagos, 21s. 6d.; shipment; softs, 21s. 3d., shipment; mediums, 21s. 6d., shipment; hards, 22s. 3d., shipment; bleached, 24s. 7d., spot.

PALM KERNEL.—Market is quoted dearer, closing firm: deodised, 31s. 9d.; crude, 25s. 6d., spot.

RAPE.—At a further slight advance the market is firm: refined, 40s. 6d.; crude, 39s. (barrels), spot.

RESIN.—Market steady at the advanced figures: B, 12s. 3d.; D, 12s. 7d.; F/G, 13s. 3d.; N, 13s. 7d.; W/G, 14s. 6d.; W/W, 15s. 4d. per cwt., ex wharf.

SOYA.—At the substantial advance the market is steady: deodised, 38s. 6d.; crude, 34s. 6d., spot (barrels).

TURPENTINE, AMERICAN.—The market is now firm and values are quoted dearer: total London stocks, 7,750 barrels.

On spot, 47s. 9d. Wood.—Hankow in barrels continues in extremely short supply, but the price for any available

on spot is slightly easier at about 145s. per cwt.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

"Chemists' Friends" Scheme

SIR.—Referring to the scheme now being launched by the National Pharmaceutical Union, known as the "Chemists' Friends" scheme, this should receive everybody's whole-hearted support. The undersigned is not a member of the chemist profession, but he is interested in the sense that some time ago he started his daughter in the business, and she commenced in a growing neighbourhood where it seemed promising. No sooner had she commenced, however, than two grocers and general dealers in the immediate vicinity each displayed a whole window with patent medicines and drugs of all kinds to the great detriment of the new business. To a layman, it is amazing that a huge society of professional chemists should put up with seeing their "bread and butter" being filched from them by people who have no connection or training whatever with the chemist profession. In two cases the tradesmen concerned have the audacity to display on their fascia boards "Druggists' and Chemists' Supplies," which is most misleading to the general public, who are under the impression that they are dealing with fully qualified chemists. It is about time your profession sat up and took notice of what is happening right under their very noses. They should give the "Chemists' Friends" their whole-hearted support; indeed, their very living depends on this. Governments do not seem to give a "tinker's cuss" what happens, and their salvation rests in the chemists' own hands. They should do as the motor trade has done, form a trade union and boycott rigidly all those manufacturers who supply these so-called "druggists," who mostly do not know the difference between a Beecham's pill and a porous plaster. For goodness' sake wake up, throw off your inertia, and make an effort to save yourselves from utter extinction.

Yours faithfully,
AMAZED (16/10).

SIR.—The "Chemists' Friends" scheme at first sight appears an excellent scheme, with an object that all with the chemists' interests at heart must approve. On closer examination, however, one wonders if its objects will be achieved; and the scheme appears fraught with very definite dangers, which before it is approved should be very carefully considered. It must be remembered that, although we do not like it, the unqualified dealer has as much right as the chemist to sell non-poisonous medicinal preparations. The law of the land and the sympathy of the general public are on his side; and if the general public prefer the unqualified dealer, is coercion the wisest course to pursue? The English do not like being coerced, and the danger of retaliation arises. Assuming that the scheme is at first a success, what is to prevent its adoption by other traders? Few chemists could live on their sales of "medicinal" preparations alone; and if the grocers, confectioners, hairdressers, photographers, stationers, etc., each adopted a "Friends" scheme of their own, would not the last state of the chemist be worse than the first, especially in country districts? Again, assuming the scheme to be an initial success, would not manufacturers arise who, caring nothing for the chemist, would exploit the "unqualified" field left open for them by the manufacturers who have become "Friends"? At present the chemists have a slight control over manufacturers supplying the unqualified dealer—in future they would have none, and moreover the new class of manufacturer would be openly, actively and aggressively anti-chemist. He would push his goods through unqualified channels without restraint, and by advertisement and propaganda endeavour to discredit the chemist. Lastly, is it a fact—I do not know, and ask for information—that the wider the basis of distribution of an article the more is sold at each shop—wherever the article is seen it is its own advertisement, and therefore if restricted to a comparatively few shops and not so readily available to the public, its sale goes down, even in those shops to which it is restricted? If this is so, the result of the "Chemists' Friends" scheme may be sadly disappointing. A scheme which will increase the chemists' prosperity would be very welcome; but surely fundamentally no scheme can be a success unless it induces the general public, of their own free

will, to buy from the chemist. The N.P.U. advertising scheme had this merit, but was killed by apathy; has this "Friends" scheme this merit? I doubt it, and fear that it may prove a golden casket—glittering, but disappointing and dangerous.

Yours faithfully,
HODGE (15/10).

SIR.—The "Chemists' Friends" scheme (C. & D., October 12, p. 442) is one which should merit the support of all retail chemists, because it is a serious attempt to fight the increasing encroachment on the sale of chemists' goods by unqualified traders. Like all schemes when first initiated there will be difficulties to overcome, but these can be eliminated as experience in the working of the scheme grows. The N.P.U. advertisement specifies pharmaceutical therapeutic preparations; does this refer to those products which one may term dispensing proprietaries only, or is it to include also those which we commonly call patent medicines? Neither this nor branded surgical and medical goods include such articles as tooth-pastes, toilet powders and various sundries which were introduced and marketed originally by chemists, but are now sold in any and every kind of shop. Only to-day I was in our local market, a permanent one, and noticed that one stall was displaying all kinds of chemists' goods; it is not easy to see how any scheme can prevent this, because if one manufacturer refused to supply there are plenty who would be quite willing. Another point is whether any of the manufacturers of nationally advertised proprietaries would be willing to accept the agreement, because their goods are sold by all kinds of traders, and many of them provide sixpenny packs specially for the bazaar custom. If they would not, the list of "chemists' friends" might contain the names of a number of makers of unknown goods, who would join for the purpose of securing the chemists' recommendations, whilst the latter would have considerable difficulty in pushing the sale of these goods in competition with the better-known lines. One other point may be noted: the manufacturer has to deposit a sum of £50 which may be forfeited for a breach, but the penalty on the retailer is the stoppage of supplies by the manufacturer concerned. I do not think this is enough; it may well be said that a chemist would be foolish to cut the price or to resell to an unqualified trader any goods which are reserved to him, but unfortunately in the past there have been cases where similar things have been done, and I consider that a breach should involve the stoppage of all goods on the list and inclusion in the P.A.T.A. black list as well.—Yours truly,

RESERVEM (15/10).

SIR.—There seems a great bitterness against drug-store proprietors, since I see they are specially mentioned in the "Chemists' Friend" circular; but the majority of them have been apprenticed and brought up in pharmacy and surely cannot be called "outsiders." I know several of these men, extremely capable and clever, who immediately on entering an examination room lose their self-possession and fail. These persons are to be pitied, and surely should be allowed to earn a living; but I see that the circular suggests cutting off their supply of certain articles. Truly an un-English way to meet competition. I also know five unqualified assistants, really good men, who managed chemists' shops while their employers were on holiday this summer; yet if these fellows opened a drug store they would be called incapable by their late masters. Again, I often pass a little general store on the main road a mile out of an important provincial city with a large sign: "Chemistry! Agent for Messrs. _____, Chemists, _____." Now according to this, so-called "hucksters' shops" are encouraged by chemists, but the legitimate and *bona-fide* drug store is "poison." If the chemists and the Drug Stores' Association worked together, it would be possible to stop *real* outsiders "pinching" the trade.—Yours truly,

FAIR PLAY (15/10).

The Veterinary Chemist

SIR.—Heartiest congratulations on your Veterinary issue. I am one of those, deeply interested in veterinary business, who had hoped you would one day produce such an issue. Let it

be understood that chemists have no desire to trespass upon the preserves of the veterinary surgeon. Nevertheless, there can be no harm in our letting it be understood, by our farmer customers especially, that we can be the means of saving many "vet.'s" fees. I should like to say that I have relied for many years upon the advice of "Veterinary Counter Practice," an invaluable book which no veterinary chemist should be without. Veterinary pharmacy is a job in which chemists need fear no competition from any other trader. The work is extremely profitable: our charges are limited only by our own judgment of what is fitting in every specific case. It is always advisable, in dealing with such a class of customer as the farmer, never to seem to hesitate or not to know: a reference to "Veterinary Counter Practice" will always fill the vacuum of our ignorance. From now onwards till December there is found to be a demand for tonic powders for turkeys. They are delicate birds and, at any rate in my own part of the country, there is a heavy mortality among the young birds being reared for the Christmas market. I find that a tonic having pulv. gent. rad. for its basis is acceptable to the rearer and profitable to the seller.—Yours truly,

R. C. O. (14/9).

Disease in Silver Foxes

SIR.—The article "Disease in Silver Foxes," published in the *C. & D.*, October 12, recalls an experience obtained in the United States which may be of interest to your readers. On a silver fox farm in the United States the owner found that he was losing quite a number of young foxes each year, death being attributed to a complaint termed "lungers," apparently caused by a ground worm which lodged in the throats of young foxes, giving rise to a tubercular condition affecting the young but not the old animals. A number of different remedies were tried unsuccessfully until finally borax was used, after which no further losses of animals occurred. Borax was sprinkled freely around the cages and in the bins. No explanation was put forward as to the action of the borax, which may have been due to the unfavourable conditions for the development of the ground worms resulting from the presence of the borax.

Yours faithfully,

A. J. SOMER.

London, E.C.4.

A Scarcity of Apprentices

SIR.—I agree with "Retailer" (*C. & D.*, October 12, p. 463) that the dearth of apprentices may be due, among other reasons, to the very poor prospect in store for many of them when they have qualified. There was a time when average middle-class parents regarded pharmacy as a career that offered a fair living for a boy, with some standing above the level of the average tradesman; it was regarded as a "gentle" business. Boys whose parents were quite well off were apprenticed to a pharmacist for a long period and with a premium of £100 or so. Those days have passed. In fairness, I consider that another reason why the supply of apprentices is declining is because so few pharmacists are able to provide the necessary instruction required under the new conditions governing apprenticeship.—Yours, etc.,

CAREER (15/10).

SIR.—I frequently pass a small general shop having on the facia the words "Tobacco, confectionery, chemistry and grocery"; another shop not far away announces "All chemists' goods"; and for some time I used to receive regularly handbills from an oil shop headed "Chemistry department." I gather that these traders are quite at liberty to describe their premises in this way; it is not holding themselves out to be qualified and the words used do not come under the restricted titles. But occasionally, in addition, one may see the windows of such premises dressed in an exactly similar style to that of the usual chemist's shop. How is any member of the public to discern the difference? "Retailer" implies that the dearth of apprentices is due to the parents' knowledge of the conditions of the trade; but how do parents acquire this knowledge unless they are acquainted with some member of the trade? The man who advertises for an apprentice is not likely to give the parents the facts as stated by "Retailer" as an inducement to them to sign the indentures, and I think therefore there must be some other reason to account for the drop in the number of entrants.

Faithfully yours,

OBSERVANT (14/10).

SIR.—Your correspondent "Retailer" (*C. & D.*, October 12, p. 463) gives the apprentice question in a nutshell when he states that any parent would be a fool (under present conditions) to let his child enter the ranks of pharmacy. He might have added with equal truth that any chemist would likewise be a fool to take on a new apprentice under the new Regulations, and the slump in entrants proves that there are not so many fools among chemists as one might think. Some day the Council will awaken from their high-falutin' dreams of super-educated pharmacists to find that there will be no entrants at all. How are apprentices to be trained when so many chemists refuse to start them?—Yours, etc.,

THE THISTLE (15/10).

National Health Insurance Contracts

SIR.—Not feeling well, I was glad it was Sunday morning. My rest was disturbed, however, by an early caller for N.H.I. medicine—forgotten to be called for the previous day. A little later I was again called to dispense a N.H.I. script. No bottle was brought, no money to pay for one, and the script was not marked "Urgent." For this professional work I get 3d. To refuse would be prejudicial to my business and reputation. I recently had a N.H.I. script for ung. glycer. plumbi subacet.; this was ordered to come with other goods from the wholesaler's, but was sent separately at a cost of 9d., which the Insurance Committee refused to allow for since it is in the Tariff—which is getting bigger and bigger. I have been asked for hair nets, monkey nuts and funeral cards, but never this messy-to-make ointment. . . . Whoever is responsible for the working of this portion of the Insurance Acts should be compelled to spend a short period in an average pharmacy. This only touches the fringe of our difficulties. As this subject is about to be reviewed afresh, I hope the N.P.U. will insist on more remunerative terms and better conditions, for I cannot imagine any other body of skilled or unskilled persons who would tolerate the present position.—Yours faithfully,

O. ROUTLY.

Heacham.

Grocers Enlightened

SIR.—It is evident that, as stated by a speaker at the meeting of the National Federation of Grocers' Associations with Mr. Perrins, secretary of the Poisons' Board (*C. & D.*, October 5, p. 427), grocers generally are going to be much better off under the new Pharmacy and Poisons Act than they have been before regarding the selling of certain poisons. For one thing, the poisons will be no longer sold in bulk, with all the labour and trouble involved in filling bottles and other containers; they will be supplied in packed and labelled vessels ready for use. This, as was acknowledged at the meeting, is a great boon which will no doubt attract many grocers to the business of a listed seller of poisons. In fact, unless the pharmacist follows suit and supplies similar poisons neatly packed, I can imagine that the public will be inclined to obtain poisons from the shop where they are sold in a convenient manner and from which they can be delivered with other domestic articles. It is now clear that there are to be no restrictions in the number of licensed sellers; I visualise a time next year when practically every grocer in a town, and probably other dealers also, will pay the small fee and ask for their names to be entered on the list of the local authority. It is interesting to note that an official memorandum is to be prepared for the guidance of the traders affected.—I am, etc.,

LEGALIST (14/10).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Castor Oil Pills

One of the extracts from the Salford analyst's report (*C. & D.*, October 5, p. 430) deals with castor oil pills. This term has been in use for so many years that it can well be classed as a custom of the trade. The formula which I have generally seen adopted is pil. rhei co. gr. iv., ol. ricini mss., and these have been sold in my own experience for over thirty years. Nobody, not even the customer, expects to get a full medicinal dose of castor oil in one pill, but the public will undoubtedly continue to ask for an aperient pill by the name of castor oil pill.—*Pil. Ricin* (14/10).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

O. V. S. (30/38).—TONIC FOR PIGEONS.—This is stated to be given to pigeons to strengthen their flying and cure them after having eaten noxious substances. It contains some 20 to 25 per cent. of bismuth carbonate with an astringent vegetable powder.

J. P. B. (4/88).—ANGLEBERRIES ON HORSES.—The term angleberries is applied to warts in cattle and occasionally in horses. They are more common in young animals and are usually attributed to irritation, and are often seen in animals on a badly balanced diet or one deficient or low in minerals and vitamins. Thus young cattle which are housed during the winter may develop warts which disappear when the animals are turned out to grass in the spring. Treatment depends on the situation, and in some cases a surgical operation is necessary. In the horse, warts are commonly seen on the face, the udder and inside of the limbs. If the warts have stalks and the situation is favourable, they may be ligatured or, if small, snipped off with scissors and the base dressed with a styptic or argent. nit., otherwise salicylic collodion may be applied daily. The diet should be corrected, if necessary, and so-called blood tonics such as arsenic, iron and iodines prescribed.

W. G. (2/98).—COUGH LINCTUS.—The following is a formula for lemon, honey and glycerin cough linctus:—

Syr. scillaæ	...	...	...	...	...	3xx.
Syr. tolu	...	...	...	...	...	v.
Vin. ipecac.	...	...	...	...	...	viiij.
Tr. senegæ	...	...	...	...	...	iiij.
Glycerini	...	...	...	...	...	x.
Mellis	...	...	...	...	...	x.
Syr. limonis	...	...	...	...	ad	xxx.
Aq. chlorof.	...	...	...	ad	3c.	

E. C. C. (7/10).—FERTILISERS.—“Pharmaceutical Formulas,” Vol. II, contains a great deal of general information and a large number of formulas for fertilisers. Another useful publication is Gardner’s “Fertilisers and Soil Improvers,” published by Crosby, Lockwood & Co., Ltd., Amen Corner, E.C.4. (7s. 6d.).

D. J. H. (7/10).—REMOVING MERCUCROCHROME STAINS.—Treat the stain with dilute hydrochloric acid, or with dilute sulphurous acid followed by the application of hydrochloric acid, and then wash. Weak stains, particularly on the skin, often disappear under the application of solution of chlorinated soda.

J. W. B. (8/33).—HAND CREAM.—The following is a formula which should meet your requirements for a hand cream with a lanolin base and leaves the hands with a matt appearance:—

Olive oil	...	...	...	...	...	3ij.
Lanolin	...	...	...	...	...	3j.
Zinc oxide	...	...	...	...	...	3ss.
Tragacanth	...	...	...	...	...	3iss.
Water	...	...	...	to	3xx.	
Sodium benzoate or Benzoic acid	...	...	...	...	...	gr. x.

Heat the lanolin and olive oil; rub down with the tragacanth, then add water 3ij. or sufficient to emulsify, complete the formula. Although greasy, it rubs into the hands almost dry.

A. C. E. (8/10).—POLISHING PILLS.—The usual way of producing a high polish on coated pills is by finishing them in a copper rotary drum coated with hard paraffin. This is the method adopted by the leading manufacturers. To impart a high polish to silver-coated pills usually a solution of a gum which hardens fairly quickly, e.g., mastic, in a mixture of alcohol and ether, is employed for moistening the surface of the pills prior to rotating in silver leaf.

T. S. (30/98).—TOBACCO FLAVOURS.—Among the substances used for flavouring tobacco in addition to tonka beans are valerian, cascarilla, orris root, tincture of valerian and coumarin. A number of formulas for tobacco flavours are given in “Pharmaceutical Formulas,” Vol. II.

C. K. (12/10).—PRESERVING FOLIAGE.—The method of preserving foliage which you have in mind consists in placing the leaves in a solution of glycerin 1 part, water 9 parts. The leaves are then removed from this solution, dried between blotting paper and pressed.

J. R. (25/99).—FLOOR-SWEEPING COMPOUND.—The following is a representative formula for floor sweeping compounds:—

Dry sawdust	...	...	...	...	10 lb.
Paraffin oil	...	...	...	...	32 oz.
Hard paraffin	...	...	...	...	2 oz.
Coarse salt	...	...	...	...	8 oz.
Sea sand	...	...	...	...	4 lb.

H. D. (14/10).—PROPHYLACTIC OINTMENT.—The formula recommended by the Manchester Committee on Cancer consists of anhydrous lanolin and olive oil in equal parts. All parts of the body likely to come into contact with suspected material should, before commencing work, be smeared with a small quantity of the ointment. The ointment should be rubbed into the skin, an excess being avoided. When work is finished, the parts should be thoroughly washed with soap and water and carefully dried, a small quantity of the ointment being again rubbed in, so that the skin remains soft and pliable.

J. A. (14/98).—SQUILL PASTE PRESERVATIVE.—A suitable preservative for the red squill paste would be 1 per cent. of a hydroxybenzoic acid derivative or $\frac{1}{2}$ per cent. of benzoic acid.

R. B. (14/94).—DISGUIISING POTASSIUM PERMANGANATE.—A few drops of amyl acetate seems suitable for disguising the potassium permanganate solution.

S. M. (14/10).—COLOURING CONCRETE.—For colouring white Portland cement, 5 to 10 per cent. of the following materials are generally employed:—

Iron oxides	...	...	...	Red, yellow, brown, black
Manganese dioxide	...	...	...	Brown, black
Chromium oxide	...	...	...	Green
Ultramarine blue	...	...	...	Blue
Cobalt blue	...	...	...	Blue
Carbon pigments	...	...	...	Black

Certain types of pigments such as those containing Prussian blue, zinc and lead chromates, and cadmium lithopone cannot be used. Chrome green needs to be carefully distinguished from chromic oxide green. Lead oxide pigments are unsuitable and ultramarine is not entirely stable. The fading of coloured concretes is due to the formation of a film of calcium carbonate on the surface.

Retrospect of Fifty Years Ago

Reprinted from
“The Chemist and Druggist,” October 15, 1885

The British Association

The audience which greeted Sir Lyon Playfair at the opening meeting of the British Association at Aberdeen last month was large and fashionable, but seemed hardly so distinguished in scientific eminence as audiences which have assembled on some previous occasions. The president this year is a powerful speaker, and perhaps his political reputation has gone beyond that which he had attained as a man of science. . . . An invention of considerable importance was brought before the section of mechanics by Mr. Joseph Wilson Swan, the eminent chemist and electrician, who has produced an electric safety-lamp. No doubt such an invention is much needed. . . . It is connected with a secondary battery, and only gives about half a candle light, and weighs nearly 7 lb. Mr. Swan hopes to be able to reduce the weight. The lamp will burn for twelve hours, and the cost for recharging would not exceed 2d. per week for a quantity of 500.

HOWARDS' SPECIAL BONUS SCHEME CLOSES *at the end of next month!*

The Terms are...

During OCTOBER and NOVEMBER 1935 only, orders for 2 gross bottles of 25's (or equivalent in larger sizes) HOWARDS' ASPIRIN TABLETS will carry a SPECIAL BONUS of 48 × 25's FREE, provided a window display is made. The Bonus for 1 gross orders is 18 × 25's

- As a SPECIAL concession to those Pharmacists who can order only smaller quantities, we are this year giving a BONUS of 4 × 25's free with orders for 3 dozen 25's.
- Show material for these displays is supplied free of charge

**PLACE YOUR ORDER TO-DAY—BEFORE
YOU FORGET !**

Any Wholesale House can supply

HOWARDS & SONS, LTD.
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ILFORD • LONDON

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FINE CHEMICALS AND OPIUM DERIVATIVES

*Goods
covered by
Dangerous Drugs
Acts offered
subject to all
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Morphine · Opium · Podophyllin Resin · Salicin · Santonin
Scammony Resin · Strychnine · Veratrine and other
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SOLAZZI *The Chemist's Brand* LIQUORICE JUICE

**SOLAZZI JUICE IS GUARANTEED
TO CONSIST ENTIRELY OF THE
CONDENSED EXTRACT OF FINEST
CALABRIAN LICORICE ROOT
WITHOUT ANY ADMIXTURE WHATEVER**

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ACID PYROPHOSPHATE OF SODA

Quality in all respects equal to Cream of Tartar, especially as regards stability of Baking Powder

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For Urinary Infections

SODIUM MANDELATE—BOOTS

Treatment consists of the oral administration of Sodium Mandelate. Cachets of ammonium chloride are also given to ensure acidity of the urine (See *Lancet*, 1935, i, 1034 : *Ibid.*, ii, 741). Supplied in bottles of 4 oz. and 8 oz. Literature sent on request.

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99.90%
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We are in a specially favourable position to quote. Prices and Samples sent on application. Please state quantity required. Wholesale only.

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We can quote you very favourable prices for bulk or packed tablets of every description. Ask us for samples and prices.



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ALL B.P. GRADES

70/75% B.P.

A specially rectified Oil of high and very uniform Quality

All Grades can be relied upon to be Constant in Quality, Odour and Colour

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Packed in Cases and Drums

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80/85% B.P.

Distilled from E. POLYBRACHTEA
The finest B.P. Oil obtainable

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Why sell a cheap Lysol—it is neither good for your reputation, nor for your profits. Every time you sell a customer a 4-oz. bottle of MARSHALL'S Lysol, your till registers 1/- instead of 6d. or less, and your profit is twice as much. Most of your customers already KNOW the name Marshall's—they will respect your judgment all the more if you explain that Marshall's is the best—and your till will prove that it is worth your while to do so.

Here are three selling points of MARSHALL'S Lysol:

1. The name guarantees the *highest* quality.
2. Every bottle is of the highest standard of germicidal efficiency.
3. It is non-irritant, non-alkaline and clear in solution.

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WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

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LIQUID PARAFFINCOLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

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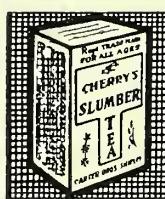
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BRITANNIA HOUSE, BRADFORD
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Greatest of all Rheumatic Remedies

1/3 SIZE 7/- DOZ. 3/- SIZE 17/- 5/- SIZE 25/-
THE ACTON PILL & TABLET CO LTD ASH VALE, SURREY

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SLUMBER-TEAA profitable, easy selling
all-the-year-round line with an ever
increasing demand. A counter display will
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MADE IN ENGLAND**Write for Special Quantity Terms**

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SPECIAL

WINTER

BONUS

If you have not yet received particulars of the Andrews Special Winter Bonus, please apply to the address below, or to your Wholesaler.

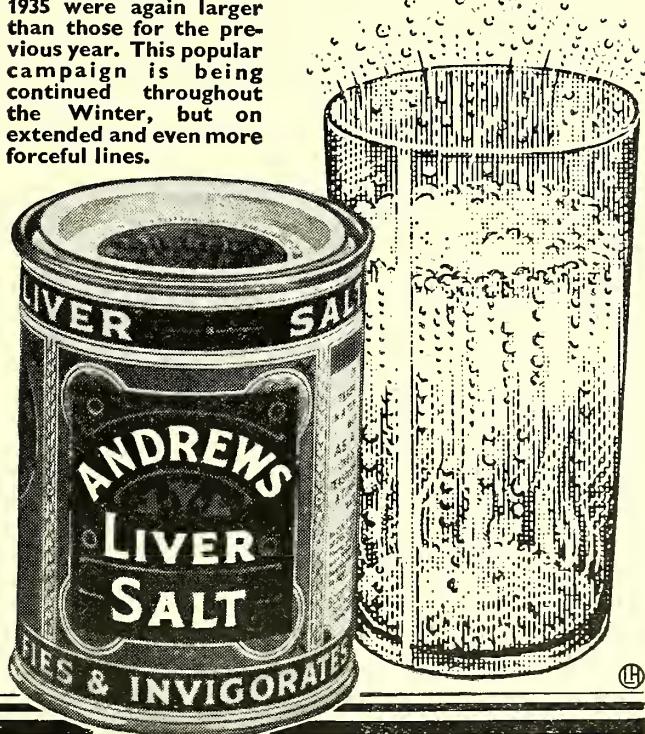
The Bonus is available to all who display our new Winter Show Card on the counter or in the window for a period of 14 days during November. Besides carrying the Bonus qualification this attractive, colourful Show Card will also link up your Store with our intensified Winter Advertising — helping you to secure an increased share of the resulting demand.

SCOTT & TURNER LTD.

Andrews House,
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'Merry Andrew' helps
to make another
record year!

Assisted by "Merry Andrew," the Andrews Sales Figures for the year ending Sept. 30th, 1935 were again larger than those for the previous year. This popular campaign is being continued throughout the Winter, but on extended and even more forceful lines.





Retails at 4/-,
trade price 36/- per dozen.

Ovoferin is fast finding favour as the ideal general tonic for debility, anaemia, convalescence, asthenia, malnutrition and nervous disorders. Ovoferin provides a proper and adequate supply of iron in a truly colloidal and stable condition, without any of the disadvantages usually associated with iron.

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OVOFERRIN

Prepared by makers of 'Argyrol'

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The
Pharmaceutical
Lanoline Co
for
LANOLINE

(Adepts Lanæ)

B.P., U.S.P. & D.A.B.6

ANHYDROUS AND HYDROUS
ALSO SUPERFINE QUALITY
FOR COSMETIC PREPARATIONS

WOOL GREASE
FATTY ACIDS

THE PHARMACEUTICAL LANOLINE CO.

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Telephone : FULHAM 1194 Telegrams : BATapo, PHONE, LONDON

FOUND... a remarkable antiseptic

Deadly to germs . . . bland to tissue

The bland properties of 'Dettol' permit its use at really effective strengths on body tissue and it thus possesses marked superiority over carbolic and cresylic antiseptics. 'Dettol' is non-poisonous, non-corrosive, non-staining and has an agreeable odour. It is three times more efficient than phenol, or half as strong again as B.P. solutions of cresols with soap.

'Dettol'—most attractive in appearance and packing—sells at a reasonable price—4 ozs. for 1/- and 16 ozs. for 3/- and larger sizes for medical and hospital use.



DETTOL
TRADE MARK
THE NEW ANTISEPTIC

RECKITT & SONS LTD. (PHARMACEUTICAL DEPT.), HULL
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Are you
getting
YOUR
Bonus?



The call for Kay Brand Linseed Compound will soon be heard again. Displays in your shop and window embodying this impressive showcard will keep your Kay sales at the swift high-earning bonus turnover level. Write NOW for details.

KAY BROTHERS LTD.
St. Petersgate Works, STOCKPORT

FOUR GOOD LINES

TAMAR
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GRILLON

Known for fifty years as an excellent fruit laxative. It has been constantly advertised, and advertisements are now appearing in selected high-class media.

Dr. Jaille's
PEPTO-FER

Sold throughout the world as a tonic for convalescents and sufferers from all kinds of anaemia.

RIGOLLOT'S
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Have long been universally famous. They are mustard plasters of exceptional strength and quality.

RIGOLLOT'S
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(for veterinary
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Used in the French Army, and approved by the veterinary schools of England, France, Belgium, Switzerland and Italy.

All enquiries (except for Pepto-Fer) to :—

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For Pepto-Fer, please write direct to :—

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**EVERY WEEK
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PEOPLE
READ THIS
MESSAGE**

"GET
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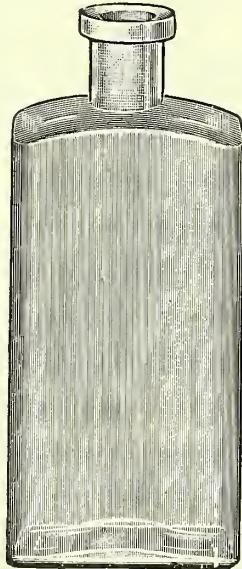
*That's why it pays
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EX-LAX^{BRAND}
CHOCOLATE LAXATIVE

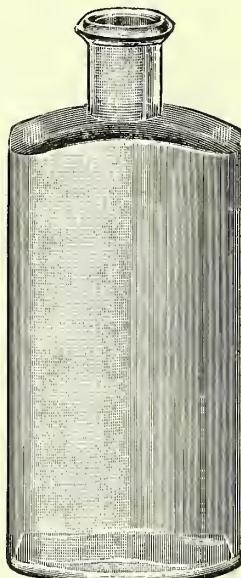
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*Chemical and Medical Glass
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*The Chemists who are doing
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who turn the work out well*



Round Cornered Flat



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*There is no better help than
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WHITE
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THE MOST COMPETITIVE MANUFACTURERS IN
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The National School of Chiropody gives a most comprehensive training in both theory and practice. Lectures are given by medical men experienced in teaching lay students and each student must treat over 600 cases under supervision. The full intensive course extends over a period of six months; the fees are very reasonable. Enterprising Chemists who have opened Chiropody Departments are able

- 1st.—To give better service with scientific foot treatment
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- 4th.—To augment income from Chiropody Fees and additional specialities.

Write for free 12-page prospectus to the Secretary.

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AN IMPORTANT SELLING LINE FOR CHEMISTS

Jackson's

Centurion
6^d

EUCALYPTUS AND MENTHOL PASTILLES
for Cold in Head-Clear Throat and Nostrils

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Curiously Strong Peppermint Lozenges

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Heartshaped Indigestion Tablets

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Grams : Jackson, Creditor, CREDITON, DEVON Phone : Creditor 10

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Centurion Series

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11 popular Varieties of
LOZENGES & PASTILLES

4/- per doz.

12 doz. at 3/9

Display outers of 1 doz.

'GRIPS'

£300



CASH PRIZE Competition

The sensation of the year! This puzzle offer has sent Grips sales soaring beyond expectation. Every corner of the country is being combed intensively by Grips National advertising, to ensure a bumper season for you and us.

Mammoth Jig-Saw Puzzles for your customers COUPONS IN ALL 'GRIPS' PACKINGS

Over 400 cash prizes for Grips customers for solving a jig-saw puzzle and arranging nine advertisements in order of merit. Full particulars on the coupon in every box.

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Halibut Liver Oil

Finest Refined Quality

Biologically standardised for Vitamin A & D and free from any added Vitamin.

IN BULK

Or in
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Also in
Bottles of 25×3m Capsules beautifully packed. 17/- per dozen.

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LENNONS,

the Old Established Chemists, cover the whole of the Country. They have Efficient Wholesale Facilities for Intensive Distribution and Distinctive Retails in the Important Towns



Those who wish to exploit the Market or increase their present business should write the London Office :—

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32,000,000 WINDOWS TO YOUR SHOP



Large space 'ASPRO' advertisements are carried several times monthly by over 300 newspapers, with a total circulation of more than 32,000,000. They act as 32,000,000 effective windows for retailers who connect up by showing 'ASPRO' displays. To get the benefit of this stupendous advertising, as if you paid for it yourself, show 'ASPRO' display material prominently in your windows. People will come into your shop who would not otherwise have come. You will gain by increasing your sales of other lines in addition to 'ASPRO' sales. Our latest display is just available from the press. Why not write for one to-day? Remember, Autumn and Winter are great times for 'ASPRO' sales, so

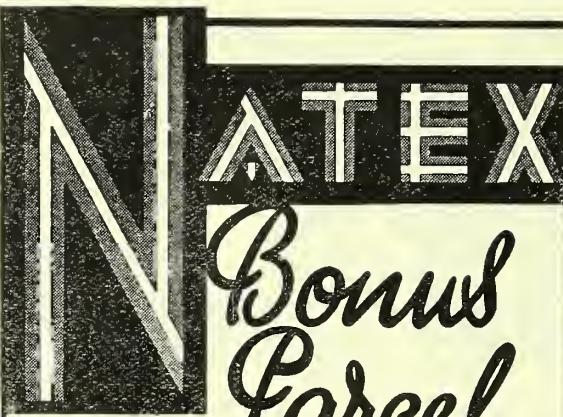
**SEND FOR OUR
NEW 'ASPRO'
DISPLAY MATERIAL**



'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority. No proprietary right is claimed in the method of manufacture or the formula.

Made in England by **ASPRO LTD.**
Slough, Bucks. Phone: SLOUGH 608

ASPRO
REG. TRADE MARK



GIVES about
40% NET PROFIT

Order from your Wholesaler
or direct from us

The Bonus Offer.

7 cartons of Natex Foods for the price of 6.

To Obtain the Bonus.

Order in half-dozens of any single size.

Apart from the well-known and quick-selling NATEX REDUCING FOOD (No. 5) the Natex Range includes several popular foods for other purposes. These may be included, to make a mixed parcel, if desired, in which case please state which food you wish for the Bonus.

BE PREPARED FOR

INCREASED NATIONAL ADVERTISING

during next three months

Display matter and sales aids sent gladly by :
MODERN HEALTH PRODUCTS, LTD.
228 Natex House, Langham St., London, W.1

DCL
YEAST
FOR MEDICINAL USE
IN TABLET FORM

60 Tabs. 1s. 6d.
120 Tabs. 2s. 6d.
Retailers' discount 33½%
Wholesalers' " 16⅔% CARRIAGE PAID

Recommended for improving the condition of the blood, and for treatment of skin eruptions
Should retailers experience any difficulties in getting supplies through usual channels send a postcard to the manufacturers

The DISTILLERS CO.
EDINBURGH Ltd.

TRY A MASON'S WINDOW DISPLAY AT OUR EXPENSE

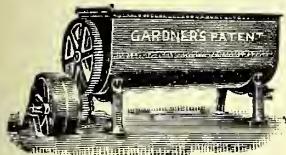
To those customers who allow us the use of their windows we offer 5/- for their opening order for 6 dozen MASON'S EXTRACT OF HERBS (or 10/- for 12 dozen).

The window display is most attractive and perfectly simple and can be fixed up in a couple of minutes

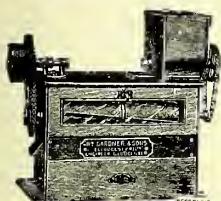
GOOD! IT'S MASON'S

Apply NEWBALL & MASON LTD.,
NOTTINGHAM

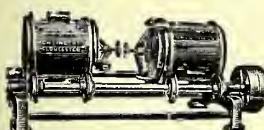
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Patent "Rapid" Mixer.



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for Chemical purposes must be rapid, superfine, of laboratory accuracy, and absolutely consistent.

Gardner machines perform all these operations in the most efficient way.

They are economical and efficient; a high standard is maintained in the quality and quantity of their output.

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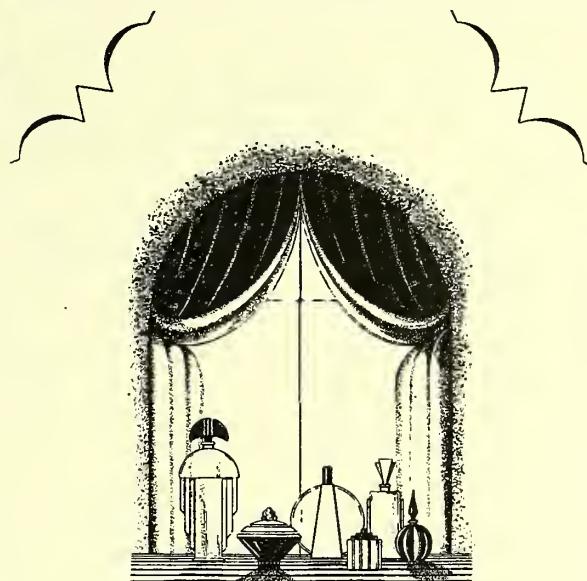
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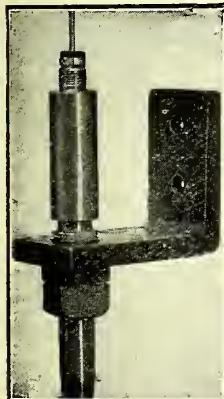
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Can be connected to the town's water supply by metal or india rubber hose pipe.

By merely passing the mouth of the bottle over the jet and pressing the bottle downwards water is automatically sprayed into the bottle. The water completely drains away from the bottle as it is withdrawn.

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1/3 SIZE 12/- PER DOZ.

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1/- , - - - 9/- , ,

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LONDON, S.E.17**

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

OCTOBER 19,
1935.

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET and FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

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Telephone: Central 6565 (8 lines).

Telegrams: "Chemicus, Estrand, London."

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1.—SOUTH LONDON.—Middle- and Working-class Cash Retail Business, making a net profit of approximately £500 per annum; very nice living accommodation; chartered accountant's figures available; further particulars on application.

2.—HAMPSTEAD.—Main-road Business, with turnover of about £3,000 per annum; for sale, owing to death of owner; offers invited for business and property together; further details on application.

3.—SOUTH-WEST LONDON.—High-class Retail and Dispensing Business, occupying splendid position in close proximity to railway station; returns last year, £3,200, this year shows an increase; stock and fixtures worth about £1,400; terms, valuation of stock and fixtures and a reasonable sum for goodwill.

4.—PADDINGTON (NEAR).—Old-established Dispensing Business for sale on account of ill-health; returns £20 weekly; net profit about £250 per annum; rent £100; price £500 or near offer.

5.—EAST LONDON.—Neglected Business for immediate disposal; returns £750 per annum, with net profit £200 under aged management; rent £40; sublet £55 weekly; new lease; price £250.

6.—NORTH LONDON.—Middle-class Business on main arterial road; increasing turnover; stock and fixtures worth about £370; comfortable house with small garden; long lease; price £420.

7.—LONDON, S.W.1.—Family Business; established over 50 years; returns last year exceeded £1,500; rent £95 inclusive of rates; long lease; price £900 or near offer; vendor purchased another business.

8.—N.W. LONDON.—General Retail Business with good private Dispensing connection; returns about £2,500 per annum; accountant's figures; attractive shop, well fitted and stocked; premises may be purchased or lease will be granted; price required for business £1,550 all at.

9.—ROMFORD (NEAR).—Good Middle-class Business with Optical connection; returns exceed £2,750 per annum; new lease will be granted; stock worth about £800; further details on application.

10.—TUFNELL PARK (NEAR).—Mixed Middle-class Business; no booking; increasing turnover, last year being £2,244; the net profit for the current year is estimated to reach a figure in the neighbourhood of £650; accountant's figures; rent £92 ros.; 16 years' lease; stock and fixtures worth about £950; a reasonable offer will be accepted.

11.—THAMES DITTON (NEAR).—General Retail Business; returns last year, £1,122; double-fronted shop, with flat over; private entrance and garden; stock and fixtures worth about £550; rent £104, inclusive of rates; long lease; offers invited.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone Nos.: CITY 2283 & 7477

May be CONSULTED at their Offices on MATTERS OF SALE, PURCHASE & VALUATION

12.—ESSEX COAST.—Recently established Business for sale for family reasons; attractive shop with all electric flat on same floor; returns first year, £1,100; long lease; stock and fixtures worth £700; price about £900.

13.—SUSSEX (Country Market Town).—Old-established Mixed Family Retail Business with little Agricultural; net profit last year, £520; rent £150; sublet £140, which leaves good living accommodation available; large garden; held on lease; option of purchase or renewal; price £1,390 or near offer.

14.—NORFOOK.—Good-class business for sale, owing to unusual circumstances; returns about £2,500 per annum; large premises; low rent; stock and fixtures worth about £1,400; sacrifice price will be accepted for immediate sale.

15.—CHISLEHURST (NEAR).—Old-established Business, present hands 20 years; recently neglected owing to ill-health, but capable of resuscitation; returns last year £1,656; district growing rapidly; living accommodation and large garden; stock and fixtures worth £950; price £1,250; worth a visit.

16.—£700 will purchase a Middle-class Business in a Southern Country Town, where the net profit last year was £335; eight-roomed house with bathroom; good state of repair; held on lease.

17.—SURREBITON (NEAR).—Middle-class Business for sale, owing to ill-health of vendor; returns about £1,250; net profit about £350; new lease at £70 for 14 years recently obtained; premises in good state of repair; six-roomed house with bathroom, etc.; price about £800.

18.—BRENTWOOD (within easy distance of).—Family Retail Business with side line; net profit last year, £408; rent, £100; sublet £52; house can be obtained if required; 17 years' lease unexpired; price asked, £750.

19.—THAMES VALLEY.—Good Middle-class Business in residential district; returns this year at the rate of over £1,100; stock and fixtures worth £450; rent £50; held on renewable lease; price about £600; stock will be reduced if desired.

20.—GLAMORGAN.—Two businesses for sale jointly or separately; returns, £2,200 and £3,000, respectively; low rents and long leases; offers invited; further details on application.

21.—LONDON.—Messrs. Ascents Pharmacies (1933), Ltd., are prepared to dispose of a number of their branches on a part-payment basis; this is an exceptional opportunity and enquiries are invited.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & CO.

Lancashire and District Representative : Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone : Great Moor 2405

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) EASTERN COUNTY.—Established departmental business occupying exceptionally prominent position; present turnover approximately £6,000 per annum, but these figures are capable of great increase, if adequately capitalised; very low net rental as compared with value of site; heavy stock and valuable fixtures; capital requirements not less than £5,000; further details upon receipt of banker's references.

(C2) SURREY (NEAR TO LONDON).—Attractive modern pharmacy occupying very prominent position in shopping thoroughfare of rapidly growing outer suburb; turnover steadily increasing; certified returns for last financial year, £2,963; gross profit 35 per cent.; good living accommodation, at present sub-let; exceptional scope for optics; price all-at £2,500.

(C3) N.W. LONDON.—Middle-class business doing at present approximately £50 weekly, and steadily increasing; good N.H.I.; audited figures; low overheads; price by arrangement; strongly recommended.

(C4) MUSWELL HILL (NEAR).—Good family business, in present hands 40 years; large panel; turnover now approximately £1,500 per annum, with plenty of scope for further increase; self-contained house; owner retiring; £300 is asked for goodwill, plus value of stock and fixtures; open to offer.

(C5) LANCASHIRE TOWN.—Double-fronted main-road pharmacy situated in central position; certified turnover for 1934/35, £1,620; net profit £450; excellent living accommodation; property can be purchased or taken on lease; reasonable goodwill accepted, plus value of stock and fixtures.

(C6) WESTCLIFF.—Splendid opportunity for enterprising chemist to acquire good progressive family business in prominent residential district; accountants' figures; turnover for last year, £1,363; net profit, £335; rent, £100, including good house; first reasonable offer secure; well recommended from personal knowledge; part of purchase money could probably be raised on loan if desired.

(C7) KENT.—Unopposed country business with modern house including large orchard-garden; property can be purchased, or leased at £100 per annum; price £950 including stock and fixtures estimated at £700.

(C8) DEVON.—Old-established pharmacy, occupying leading position in main thoroughfare; has not been fully exploited during the past few years, but is well capable of an early annual turnover of £3,000/£3,500; present returns approximately £1,800; spacious living accommodation with bathroom, etc.; price by negotiation.

(C9) CLAPHAM.—Up-to-date lock-up pharmacy showing consistent progress; last year's turnover £1,294; now doing £27 per week; reasonable overheads; price £700, or offer.

Bank Chambers, 329 High Holborn, London, W.C.1
Telephone Nos. : Holborn 7406 & 7407 (2 lines)

-15 Bridge Street, Walsall Telephone : Walsall 3774

(C10) NORTH WALES.—High-class retail business, with good living accommodation; turnover for last year £1,469; quick sale desired owing to sudden domestic rearrangements, which necessitate early removal South; value of stock and fixtures accepted; (stock estimated at £620 and fixtures £200).

(C11) CROYDON.—Up-to-date lock-up pharmacy showing steady and consistent increase; present turnover approximately £1,100 per annum; low overheads; price for quick sale about £490, including a very small goodwill; excellent opportunity for chemist desirous of acquiring a business which will show a reasonably good living under easily worked conditions.

(C12) MIDDLESEX.—Old-established excellent profit-earning business situated in growing area; turnover approximately £2,600 per annum; net profit to owner-proprietor £650/£700; low rental; long lease; price £2,250 all-at, or near offer.

(C13) RENFREWSHIRE.—Old-established corner pharmacy; turnover for 1933-34, £1,526; 1934-35, £1,755; rent £68; price £1,000, including stock £500, and fixtures, estimated at £240.

(C14) KENT.—Exceptional opportunity for enterprising chemist to acquire increasing business with property for an outlay of approximately £700; turnover for 1933/34, £998; 1934/35, £1,203; up-to-date self-contained house, with good garden and garage; no near opposition; situated on main road; full particulars upon application.

(C15) MORDEN (NEAR).—Good middle-class business with some optics; steadily increasing returns, which for last financial year amounted to £1,878; net profit, £400/£450; modern flat above; stock and fixtures estimated at £950; for quick transaction owner will sell at sacrifice price of £1,100 all-at; splendid opportunity, particularly for chemist-optician.

(C16) LONDON AND DISTRICT.—Several businesses with good scope for further development, are available for purchase at low figures; if desired, initial sums of £50/£100 down and the balance by periodical instalments, will be accepted; present turnovers vary between £750 and £1,400 per annum; further details upon application.

(C17) MANCHESTER SUBURB.—Up-to-date middle-class business, situated in populous residential area; no near opposition; turnover upwards of £2,000 per annum; net profits £500/£550; low rental; price all-at, £1,650.

(C18) FINSBURY PARK (NEAR).—Old-established dispensing business offering abundant scope for immediate increase; present returns approximately £700 per annum; gross profit 45 per cent.; rent, £60; sub-let, £65; less than value of stock and fixtures will purchase; owner retiring; under energetic proprietorship this business can be easily and quickly resuscitated.

(C19) SURREY.—Well-kept pharmacy with small compact house, including 3 bedrooms, bathroom, etc.; turnover for 1934/35, £1,246; no near opposition; rent £50; price £800 or near offer.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates.

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CHEMISTS' VALUERS AND TRANSFER AGENTS,

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(One minute from St. Pancras and King's Cross Stations.)

1.—WESTCLIFF.—£700 secures a good-class business in main shopping centre; returning over £2,600; must sacrifice on account of serious ill-health; stock and fixtures worth over £1,000; or would entertain partner with about £500.

2.—MIDLANDS.—Good-class business, with some Optics, in select residential district; returns over £1,300, net profit £323; good house; long lease granted; price £900 or near offer.

3.—EASTERN COUNTY.—Medium-class Light Retail, in important town; returns average nearly £1,000; low rent on lease; well-fitted shop (lock-up); stock worth £350; genuine reasons for selling; price £550, or valuation plus small goodwill.

4.—SOUTH-EAST COAST.—Light Cash Retail, with Photographic; increasing; turnover over £900; books properly kept; modern premises; excellent stock; price £500 or offer.

5.—KENT.—Drug Stores, in main-road position, large town; net profit £4 to £5 weekly; scope for Chemist; low rent; owner going abroad; price £250 or near offer.

6.—WATERLOO STATION (near).—Quick Cash Retail, in busy centre; turnover approaches £3,000, audited figures; modern Pharmacy, with living accommodation; well stocked; price £1,500, or valuation terms.

7.—LONDON SUBURB.—Light Cash Retail, with good Panel, in busy main road; has been neglected; present returns about £35 weekly, scope for doing £40; low rent; good house; fully stocked; price £900; personally recommended.

8.—LONDON, S.W.—Well-established Light Suburban Business; under elderly manager; returns about £19 weekly; plenty of scope; good living accommodation; new; 14 years' lease; stock worth £277; price £450 or close offer.

9.—LONDON, E. (near Docks).—Old-established Cash Drug Store; in main road; returns £1,050; net profit over £300; excellent opening for N.H.I.; rent £65, sublet £44; same hands many years; price £500, plus stock at valuation.

10.—VICTORIA PARK (near).—Old-established Business, returning under manager £15-£16 weekly, plus N.H.I.; scope for increase; house attached; good stock; price for early sale £350.

BUSINESSES WANTED.—We have a large number of genuine Cash Buyers seeking sound concerns showing from £300 to £800 net profit yearly, and intending vendors desirous of a quick sale, without any publicity, should communicate with us at once.

Estab. 1870.

Telephone: Terminus 3574.

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CHEMISTS' VALUER & TRANSFER AGENT
34 Marksbury Avenue, Richmond, Surrey

I HAVE SPENT MY LIFE IN PHARMACY!!! If you have a business to sell, or wish to purchase one, if you require a valuation made, or have any business problems, my personal and confidential service is at your disposal.

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"RED BAND" FOR SALE

I am considering retiring from the manufacturing business started 20 years ago, now fairly well known throughout Britain.

The sale of my original line during this period has run into millions of boxes, without any press advertising. Total sales for last five years was £22,950, Gross Profit, £12,900. There are approx. 2,250 accounts including 30 Wholesale buyers. Assets of business (excluding Trade Marks, Goodwill, Formulae) £2,400 at March Audit. The business could be transferred to any town without any loss.

This is an exceptional opportunity for a firm or company desiring to rapidly increase their sales and number of accounts.

I shall consider £3,000 or best offer.

Replies to : H. J. C. C. SMITH, M.P.S.
THE RED BAND CHEMICAL CO. LTD.
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DERBY.—Old-established Business for Sale; present hands 7 years; lock-up shop; easily worked; N.H.I. more than covers low overhead expenses; a sure living; a bargain at £550 for quick sale; net profits approx. £350. 38/5, Office of this Paper.

DURHAM COUNTY.—Old-established Working-class Business for disposal; badly neglected, but resuscitation commenced, with gratifying results; turnover last year £930; gross profit £335; accountant's figures; this year will be approximately £1,100; rent and rates, house and shop, £64; stock £180; fixtures £120; all at £375. 38/2, Office of this Paper.

DULWICH DISTRICT.—Chemist, Druggist, with Post Office; established 50 years; double-fronted shop, 9-roomed house, bathroom, side entrance; rent £80 per annum; trade £25 per week; Post Office salary £260 per annum; net weekly profits £10; chartered accountant's figures; price £900; stock at valuation. Cox & Co., 63 High Holborn.

ESSEX.—Old-established Pharmacy must be sold owing to ill-health; annual turnover £2,600; excellent position; splendid opportunity; first offer £750 secures. Particulars 268/703, Office of this Paper.

FINCHLEY.—The Executors of the late Walter Taylor are desirous of selling the Business and Premises (with living accommodation), situated at 442 Finchley Road, N.W.2; the turnover at present is over £50 per week, and it increases quite an amount in the winter. All particulars can be supplied upon reference to the Agents, Messrs. Orridge & Co., 56 Ludgate Hill, London, E.C.4. Telephones: City 2283 and 7477; established nearly a century.

HAMPSHIRE.—Executor desires to dispose of small Pharmacy, H. with living accommodation; turnover at present rate £720 p.a.; price £300 or offer. For particulars apply 37/32, Office of this Paper.

ILFORD (London).—Middle-class Family Business; average net profit to owner-manager £550, accountant's figures; well stocked and well fitted; reasonable offer accepted, or independent valuation; owner leaving pharmacy; valuable lease; low overheads; good house. 37/51, Office of this Paper.

LEEDS (near).—Middle-class Business; Wines and Spirits; owner retiring; 26 years here; average returns three years £1,278, including £241 N.H.I.; commodious house, bathroom, etc., rent £53; stock and fittings at valuation, about £500, plus goodwill; all at about £750; scope for live man. Charles Marsden, 29 Oakwell Crescent, Leeds.

LIVERPOOL.—Chemist's Business; main road; Kodak Agency; small N.H.I.; well fitted and stocked; present annual cash takings £850 under management; splendid opening for energetic Qualified Chemist; stock and fittings £600. 37/27, Office of this Paper.

SOUTHEND-ON-SEA.—Chemist Double-fronted Shop, with good living accommodation; low rent; well stocked; trade £20 per week; price £350 all at. Station Estate Office, Prittlewell.

SUNNY South Coast Town.—A good-class Dispensing and Family Business in good position; turnover over £1,800; 3,400 private and 2,900 N.H.I. scripts annually; a genuine business, with excellent prospects, as important developments are taking place in immediate vicinity; lock-up Pharmacy, nicely fitted and well stocked; rent £150, rates £42; wages negligible; good scope for Toilets, Photo and Optics; price under £1,500. Genuine buyers only please write B.M./B.A.J. 9, London, W.C.

YORKSHIRE.—Old-established Lock-up Shop in good position on busy road in city; business has been badly neglected under manager; at present taking £500 per annum and doing 2,000 scripts, N.H.I., per annum; could be greatly increased by keen, energetic young man. 36/2, Office of this Paper.

A WELL-ESTABLISHED Family Business, with sub-shop, for immediate possession; owner returning to South Africa; price for the two shops £1,200; Private Dispensing to local Doctor; Panel average 400 monthly: quick transaction necessary. Apply 37/22, Office of this Paper.

ASSETS of Manufacturing Chemists' Business for Sale (limited company); wonderful range of products of highest merit; valuable Registered Trade Mark; enormous possibilities; bargain price for quick sale about £500. 38/24, Office of this Paper.

IMPOSING Modern Chemist's Business for sale; busy position, N. London; at bus stop; real opportunity to acquire growing business at bargain figure; at present under management; proprietor leaving the Retail; exceptionally good accommodation over premises in modern style; full details at interview only to bona-fide applicants. 37/18, Office of this Paper.

WELL-ESTABLISHED Middle-class Business for Sale, for genuine reasons, in S.W. London; in good unopposed position; turnover approaching £1,200, gross profit nearly 40 per cent., accountant's figures; well fitted and stocked; good Dispensing, with ample scope for prescribing; comfortable house and garden; long lease, low rates and rent; any investigation; price by arrangement. 38/30, Office of this Paper.

BUSINESSES WANTED.

REQUIRED.—Sound High-class Dispensing Business; turnover £4,000 p.a.; accountants' figures required; full particulars in confidence; cash down. 36/11, Office of this Paper.

PREMISES TO LET.

HARROGATE (near).—Chemist. To be Let, newly erected lock-up shop, completely modern frontage; new estate; no opposition; usual conveniences; rental £60 per year; 3 years' lease. Apply S. Hartley Sharp, 24 Wayside Crescent, Harrogate.

KINGSTON.—Main-road and well-populated position; excellent Shop and Upper Part (separate entrances); yard, with garage space; 5 rooms, bathroom and offices; splendid opening Chemist; rent only £90 p.a. on lease. Wake & Pell, 16 Ceres Road, Kingston.

SOUTHEND-ON-SEA.—Parade of 11 New Shops; lovely living accommodation; low rent; all Staybrite steel fronts; one suitable for Chemist; opposite super cinema. Station Estate Office, Prittlewell.

CHEMIST wanted, adjoining a Doctor's Surgery; with good living accommodation; in large block of restricted shops; rent 30s. per week, ex. Station Estate Office, Prittlewell, Southend-on-Sea.

HIGH-CLASS Shops to Let in new parade in best part of High Road, Streatham, from £140-£500 per annum. Apply Letting Manager, 17 Streatham High Road, 'phone Streatham 9627, or Bell Investment Trust, Ltd., 115 Park Street, Mayfair, W.1. 'Phone Mayfair 4201.

NO GOODWILL, LEASE OR FITTINGS TO PURCHASE.—Portman Square and Baker Street; Shop, Room, light Basement; free use of chemist's modern internal fittings, counter, etc.; fitted to open immediately; nothing to pay; rent only £225. Keys, Payne & Ekin, 4 Bryanston Street.

TO LET.—Sudbury, Suffolk; Double-fronted Shop; scullery, w.c., yard at rear; 2 good rooms over, and cellar; suit a Chemist; only one company shop in town; rent 22s. weekly, exclusive. Woodwell, Woodstock, Little Clacton.

WATES. The South London Quality Builders, have new Shops for rental in Beckenham from £110 per annum, including living accommodation. Full particulars from Wates, 98 London Road, Mitcham. 'Phone: Mitcham 2034.

APARTMENTS.

THE HAMPDEN RESIDENTIAL CLUB

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms. 12s. 6d. to 25s. per week, including bath, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

AGENCIES.

SOLE AGENT

for the United Kingdom and Colonies with scientific medical propaganda organization wanted for some German manufacturers of scientific medical preparations.

Application to be sent to

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ASUITABLE Sole Agent wanted for the sale of an Iodine Salicylic Acid Preparation, which is very well introduced in Germany for disorders in blood circulation, such as Arterio-Sclerosis, etc. Applications to Apotheker Paul Bolder, Manufacturer of Chem. Pharm. Products, Post Box 3, Cologne, Germany.

APPLICATIOnS invited for Yorkshire Agency; all-the-year-round line on commission basis; fullest particulars and details of ground covered must be submitted in first instance, otherwise not considered. 36/10, Office of this Paper.

AGENT wanted to sell Dried Medicinal Yeast to makers of Tablets, Pills, Capsules, etc.; commission basis. Midgley & Parkinson, Ltd., Pudsey, Leeds.

WANTED.—Sole Distributor, with wide and active selling organisation, to continue and complete distribution of a P.A.T.A. line with outstanding selling points (non-competitive, profitable, first-class British product, shelf appeal); initial existing connection available; production and advertising campaign supported. Write, in confidence, P.C.B. 180/2, Office of this Paper.

BUSINESS OPPORTUNITIES.

PATENTED NOVELTY.—Valuable Rights and Stock for Sale owing decease; suitable for Sundries trade; profitable line; unique demand; no factory needed; price £200. 38/7, Office of this Paper.

APPRENTICES.

APPRENTICE required; preferably passed Part I; thorough training in all branches; high-class Dispensing business; either sex. Apply J. H. Collins, 46 Green Lane, Northwood, Middlesex.

PHARMACY Student, 12 months' experience in Cairo, desires Apprenticeship; Liverpool district preferable. Write Zaki, 50 Falkner Street, Liverpool.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BIRMINGHAM. Chemists have vacancy for Qualified Assistant; permanency. Please give full particulars in first letter to 37/12, Office of this Paper.

BRIGHTON.—M.P.S., Lady or Gentleman, required early November; moderate initial salary; good prospects for proved ability; write full particulars, including minimum salary; applications unanswered in 7 days respectfully declined. Low's Ltd., 22 North Street, Portslade-by-Sea.

LIVERPOOL (South End).—Qualified Manager, young, energetic, capable and trustworthy, for working-class trade; state age, salary required, references, with photo and stamped addressed envelope for its return. 37/270, Office of this Paper.

LONDON, E.C.—Qualified Senior Assistant required; City or West End experience preferred; permanency; kindly state full particulars and experience. 36/20, Office of this Paper.

LONDON, N.W.—Lady Assistant wanted, Unqualified (26 to 30), with good all-round experience in a Pharmacy. Please give full particulars of experience, age and salary required, to Davies, 356 Neasden Lane, Neasden, London, N.W.10.

LONDON, N.W.—Wanted, Unqualified Assistant with good experience in Dispensing and all Shop Routine. Experience in detail, age and salary to 268/702, Office of this Paper.

LONDON (Western Suburb).—A Young Unqualified Assistant (one just finished apprenticeship would suit), at once; mixed class; must be pleasant, obliging, and quick and accurate Dispenser; state salary, which must be moderate. 38/17, Office of this Paper.

MANCHESTER.—Qualified Chemist; able to take charge; good Salesman and an accurate Dispenser; knowledge of Optics an advantage; please give usual particulars; applications not answered in 7 days respectfully declined. 38/25, Office of this Paper.

SOUTH-EAST COAST.—Qualified Chemist; willing to invest £300; salary £250 a year; good opportunity. Particulars 268/704, Office of this Paper.

SURREY.—Required, an Unqualified Assistant (22-25); single; must be a first-class Dispenser, possessing a good all-round knowledge, especially Photography; reply, giving full particulars in first letter, and salary required; applications not answered in ten days respectfully declined. 36/3, Office of this Paper.

WEST OF ENGLAND.—Shortly; an experienced Assistant (26-32), with Optical qualification, for High-class Pharmacy; must be keen, energetic worker, with personality; married man preferred; offered good living accommodation; permanency. Apply, giving fullest particulars age, experience, salary in first letter, to 38/10, Office of this Paper.

A YOUNG Gentlemanly Qualified Assistant required as soon as possible for a High-class Country Pharmacy; preference given to applicant with useful and original ideas on production of Pickled Limes; easy hours; no extra duties; £4 per week. Send photo and full particulars to Camplin, 5 West Street, Horsham, Sussex.

ASSISTANT, Unqualified, required; busy N.H.I. and Private Dispensing; in good-class business; accurate Dispenser, good Counterman, Window-dresser and Photographic. Apply, stating age, salary, with photo and references, to Thompsons Pharmacy, 91 Regent's Park Road, N.W.1. 'Phone PRI 0402.

ASSISTANT, Unqualified, required at once; progressive position. Apply Manager, W. George's Ltd., Clock House, Lee Green, S.E.12. 'Phone: Lee Green 4281.

CIvil SERVICE STORES require a Counter Assistant (Lady) for branch in Queen Victoria Street, E.C.; must be Qualified. Write, giving fullest particulars of experience, to Staff Manager, 425 Strand, W.C.2.

HARRODS, LTD., require an experienced Qualified Male Assistant (not above 35) for their Drug Counter; must be accustomed to West End trade. Apply personally to Staff Controller, Men's Section, 44 Hans Crescent, S.W.1, before 11 a.m., or by appointment.

JUNIOR Assistant required for good-class Dispensing Business. Please give full particulars in first letter to Timms & Kirk, 183 High Street, Beckenham.

JUNIOR Assistant required immediately; first-class Dispensing experience essential. State age, experience, references, enclose photograph, W. H. Fowler & Co., Ltd., 38 Station Road, Redhill, Surrey.

LADY Assistant (about 25) wanted for N.W. London; with experience in Window-dressing, Counter Work and Dispensing; give full particulars, experience, age and salary required. 268/701, Office of this Paper.

QUALIFIED Dispenser (Male) for West London. Apply, giving full particulars of experience, to Lewis & Burrows, 146 Holborn Bars.

QUALIFIED Dispenser wanted for a South London Provident Dispensary; prepared to do secretarial work; one interested in social activities. State age and salary. Address the Secretary, Woolwich Provident Dispensary, 328 Plumstead Road, S.E.18.

QUALIFIED; either sex; manage small branch Pharmacy, with house over. Please send usual particulars to A. F. Chatfield, 62 Clemens Street, Leamington Spa.

QUALIFIED Manager (35-40 preferable) to take control of old-established business, South-East Coast; salary £250 p.a. 37/24, Office of this Paper.

QUALIFIED Manager (35-40) wanted; branch business, Hampshire; house available; energetic; good Prescriber. Write, giving particulars age, experience, salary required, etc., to 36/13, Office of this Paper.

SMART, alert Assistant required shortly for making Stocks Galenicals, etc., and helping with Dispensing; occasional Counter; Qualified or Unqualified; permanency; age 21-35; Whole-sale experience an advantage. Send particulars experience, when disengaged, height, salary required, whether married, L. H. Lester, Rexall Pharmacy, Nuneaton.

SMART Qualified Man (25-35) wanted as Manager of Country Business near Maidstone; permanency and good prospects to steady, capable man with organising ability; two Assistants kept; flat over shop if required. 38/12, Office of this Paper.

UNQUALIFIED Assistant (25-30) required immediately; permanency; good Salesman and Window-dresser essential. Give full particulars, including salary required, references, photo (to be returned), to C. E. Beveridge, 10 Stuart Road, Gillingham, Kent.

UNQUALIFIED Assistant (25-30), with Optical qualification, required at once for business 20 miles from London. State experience, references and salary required, enclose photograph, 38/80, Office of this Paper.

WANTED.—A Qualified Chemist; smart appearance, energetic; good Salesman and Window-dresser, capable Dispenser; state age, salary, experience and when able to commence duties. Kait's, 77 High Street, Camden Town, London, N.W.1.

WANTED.—Junior Assistant for branch shop, Kettering; a young man just completed apprenticeship; preferably passed Part I. State full particulars, with salary required, P. Jeyes & Co., Ltd., Chemists, Northampton.

WANTED.—Junior or Improver, male or female; apprentice would be considered; from Worthing or Littlehampton district preferred. Apply, stating age, experience, salary and references, etc., to Cutfield, Chemist, Angmering-on-Sea, near Littlehampton, Sussex.

WANTED.—London; Qualified Assistant; must be good Window-dresser, Counter Hand and one used to N.H.I. Dispensing; salary £4 per week, plus teas; good opportunity for the right man. Apply, with full particulars, photo if possible, to P.C.B. 180/13, Office of this Paper.

WANTED, Qualified male Assistant, accustomed to good-class Retail and Dispensing. Apply personally, Friday the 18th, Burden & Co., 41 Store Street, Bedford Square, W.C.1.

WANTED.—Qualified or Unqualified Assistant, with Optical qualification; progressive salary; permanency; state age, experience and salary required. A. G. Wrench, Chemist, 8 Valley Walk, Shirley, Croydon.

YOUNG Lady Assistant, with knowledge of Typewriting, Book-keeping, etc., wanted at once for first-class business in Surrey. State usual particulars and enclose photograph, 38/8, Office of this Paper.

YOUNG Lady required for Perfumery and Beauty Preparations; one with a knowledge of a Chemist's Retail Counter preferred; for North London. Apply 37/5, Office of this Paper.

YOUNG Qualified Assistant required immediately for East End of London; mainly for heavy N.H.I. Dispensing; salary £4 10s.; Londoner preferred; month's trial. 35/1, Office of this Paper.

WHOLESALE.

AVA LIMITED, 9 Park Hill, London, S.W.4, have vacancy for Representative having established connections with Chemists, Ladies' Hairdressers and Departmental Stores in the London Postal Area (excluding S.E. districts); salary, expenses and commission basis. Write, stating age, experience, etc.

JOHN RICHARDSON & CO., LTD., require the services of an experienced Assistant for their Dry Department. Applicants will please furnish full particulars by letter to Evington Valley Road, Leicester.

REQUIRED by leading London Manufacturing Chemists, Young Lady for Ampoule work; previous experience essential. Apply by letter, giving full particulars, to 37/14, Office of this Paper.

4 REPRESENTATIVES required on salary and commission; (1) Northumberland and Durham; (2) South Wales; (3) West of England; (4) Norfolk and Suffolk; well-known Proprietary line; only gentlemen with established connection amongst Chemists and able to provide first-class references need apply; no objection to carry additional non-competitive line. Give age and full particulars in confidence to 268/698, Office of this Paper.

£3 PER WEEK Retainer plus commission after one week's trial; Representative with sound connection required to handle Sideline; easy selling; excellent repeats. Write, stating territory, connections, experience, Beaucaire Laboratories, 35 Vine Street, E.C.3.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.—CAPABLE and energetic Assistant; tall; Unregistered; 30 years' experience in all capacities; used to staff control and take charge; permanency. Haigh, 175 Uxbridge Road, W.12.

A.—QUALIFIED Assistant or Manager (25); good, all-round experience Trusses, Elastic Hosiery, etc.; fair knowledge Optics; disengaged; moderate salary; any district; excellent testimonials. A. Canning, 24 Philpot Street, Commercial Road, E.1.

A S Qualified; disengaged; locum, permanency (56); recommended by well-known Chemist; tall, energetic, trustworthy. M.P.S., 210A The Grove, Hammersmith, W.6.

A SSISTANT (Lady), Unqualified, seeks temporary post with time off for study; Shorthand-typist; locum experience; interview. 37/31, Office of this Paper.

A SSISTANT, Male, seeks position, London or near; 10 years' all-round experience, including London; recommended by present employer; excellent references; moderate salary; free November 2nd. Byrne, 8 Station Road, Swanage.

A SSISTANT, referred Forensic, desires situation; Counter, Dispensing, Photography; disengaged; well recommended; relief or permanency; anywhere. Graham, Laceby, Grimsby.

A SSISTANT, Unqualified; capable; experienced all branches. A. Davies, c/o Matthews, Chemists, 69 Golders Green Road, N.W.11. Speedwell 1940.

A SSISTANT, Unqualified; Dispensing and Counter; disengaged; locum or permanency. W., 58 Northcroft Road, W.13.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

ASSISTANT, Unqualified; experienced Dispensing, Counter; part-time, locum, permanency; London only; disengaged. Write "C. G." 2A Yalding Road, Bermondsey, S.E.16.

ASSISTANT, working for Finals, requires Saturday employment; 5 years' experience; Manchester district. Noar, The Limes, Crescent Road, Manchester, 8.

ASSISTANT (22) (Pass I), 5 years' experience Dispensing and Counter, desires change; Birmingham district. 37/2, Office of this Paper.

ASSISTANT (27), Unqualified, capable; Counter, Window-dressing, Dispensing, Photographic; excellent references. D. Vaughan, 167 Princes Avenue, Kingsbury, N.W.9.

ASSISTANT (20; 6 ft.), Unqualified, desires permanency; experienced heavy N.H.I. and Counter; excellent references; efficient; go anywhere; free early November. "Semper Paratus," 37/47, Office of this Paper.

ASSISTANT (24), Unqualified, gentleman, desires permanency; capable Dispenser. "R. H. B." 40 Dennington Park Road, West Hampstead, N.W.6.

ASSISTANT (26), Unqualified, seeks situation; 12 years' thorough experience high-class Pharmacy; married; with small private income; moderate salary; Home Counties preferred. Cooper, 6 Station Parade, Eastbourne.

COMPETENT Lady (27); good appearance and personality; 9 years' intensive Pharmaceutical experience; quick, accurate Dispenser; excellent Saleswoman; well recommended. 34/5, Office of this Paper.

EXPERIENCED M.P.S.; good all-round, London, South Coast experience; disengaged; locum, permanency; reasonable. Chemist, 15 Lampton Road, Hounslow. Tel.: Hounslow 1542.

EXPERIENCED Qualified Chemist (48); reliable, trustworthy; excellent references as Manager, Dispenser and locum; conscientious objections to business in contraceptives; now disengaged. Harris, 7 Wellesley Avenue, London, W.6.

F.S.M.C. (Unqualified Pharmacist) (30) desires progressive post with Chemist-Optician; excellent references. Opticus, 11 Albion Street, South Wigston, Nr. Leicester.

LADY Assistant, Unqualified; Counter, Dispensing, Windows; temporary or permanent. Swan, 22 Fairfax Road, Bedford Park, W.4.

LADY Dispenser, Qualified (Hall), desires post with Doctor or Hospital; excellent experience, Private Practice, Hospital, Firm, Book-keeping, Typing, etc.; reasonable reach London preferred. 37/1, Office of this Paper.

LADY, M.P.S., now disengaged, requires post; locum or part-time; good general experience; would manage. "Chemist," 5 Randolph Gardens, N.W.6.

LADY requires position to manage; 7 years' experience entire control Drug Stores; used to working up business; no Dispensing. 38/19, Office of this Paper.

LOCUM or permanency; 25 years manager, owner. "M.P.S." 6 Westleigh Park, Bristol.

LOCUM, permanency or view succession; tall (39); all-round experience; disengaged October 18th. "M.P.S." 98 Newcomen Road, Wellingborough.

LOCUM, permanency; Qualified (39); all-round experience; disengaged; excellent reference. Julius Levi, M.P.S., 18 King's Road, Sedgley Park, Manchester.

LOCUM, Qualified; experienced; registered N.P.U.; disengaged October 21st; any distance; 'phone Rodney 4244. Wood, 33 Union Road, Croydon.

MANAGER, Qualified (36); West End and Suburban experience; free for interview any time. Beck, 193 Harrow View, Harrow. Ilford 1160.

MANAGER (33), Qualified, married, requires post shortly; able to take full control, including Buying; used to brisk N.H.I. and Counter trade; East Midlands preferred, but not essential. 37/42, Office of this Paper.

MANAGER (27), Qualified, single, desires change; thoroughly capable and dependable; 4 years' successful management; highest references. W. A. Weare, 72 Jeffreys Road, S.W.4.

MANAGER (26) requires permanency (West or East Riding preferred, not essential); experienced in Dispensing, Counter, Photography, Window-dressing and Buying. 37/46, Office of this Paper.

MANAGER, Superintendent for company or part time in London; elderly, active, reliable, abstainer; strictly moderate salary. "X," c/o Hampton, 4 Ellora Road, Streatham Common, S.W.16.

MANAGER (40), varied experience, employed in London, seeks position where prospects are greater; present salary £4. "Chemist," 24 Regent's Park Road, N.W.1.

M.P.S., EXPERIENCED; Dispenser, Prescriber; Manager, senior or locum; seaside or country. "Bon Accord," 275 Devonshire Road, Blackpool.

M.P.S., J.C.Q.O. (31), seeks position as Manager; tall; 10 years' experience as Manager, at present successfully managing; free at short notice; best possible references. 34/6, Office of this Paper.

M.P.S. (32) desires permanency in Brighton or near; Manager or Senior Assistant; 14 years' excellent general Retail experience; excellent references; capable and trustworthy; available at short notice. 38/29, Office of this Paper.

PART I; smart; good Dispenser, Counter and Windows; available immediately; London, preferably N. Alter, 66 Grove-Lands Road, N.13.

PHARMACIST, many years' all-round experience, good Counter-man, Dispenser, Prescriber, active and adaptable, seeks senior position in good business; anywhere entertained. Pharmacist, 3 Stuart Road, Acton, W.5.

QUALIFIED (age 26), single; 9 years' good London experience Dispensing, Window-dressing, Counter and Photographic, including D. and P.; highest references; shortly disengaged; Manager or Senior position required. 37/8, Office of this Paper.

QUALIFIED Chemist and Optician, thoroughly experienced, with sense of responsibility, wishes to meet established Chemist view to working up Optical practice to mutual advantage, with employment in Pharmacy meanwhile as Manager or Senior, within next few months; own Optical stock and equipment; Southern or Western County, not London or suburbs. 38/18, Office of this Paper.

QUALIFIED; good all-round experience; West-End Dispensing; undeniably references; £3 weekly, outdoors; disengaged. "Statim," 36/14, Office of this Paper.

QUALIFIED Lady (22), well educated, requires situation in London, Retail or Wholesale; good Counter and Dispensing experience. 38/21, Office of this Paper.

QUALIFIED, locum or permanency; all-round experience. Manager, 80 Church Road, Acton, W.3. 'Phone: Acorn 1540.

QUALIFIED Pharmacist (aged 22), experienced in high-class Pharmacy and Photographics, 4 years with Youngs (Chemists) Ltd., Leicester, highest references, seeks situation. T. W. Dickins 19 St. James' Road, Leicester.

QUALIFIED Young Lady, keen, energetic, quick and reliable Dispenser, good experience, seeks post, preferably as Manageress or responsible position. Write "C. G." Chemist Oxford Street, Whitstable, Kent.

QUALIFIED (25) desires permanency; excellent Dispensing experience, Window-dressing and Counter; good references; free Rayner, 2 Palmerston Road, Southsea.

QUALIFIED (22) desires position in good-class Pharmacy; Dispensing, Counter, Photography and D. and P. 102 Copping Road, Clacton-on-Sea.

QUALIFIED (23) desires post; 5 years' all-round experience (including West End and City). "C.," 154 Brady Street Flats Mile End, E.1.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

UALIFIED (23; height 6 ft.); experience Dispensing, Counter, Photography; disengaged; references. Fleming, 64 Blenheim Street, Kewick.

UALIFIED (31), married, seeks situation Manager; 9 years last position; excellent references. Mitchell, 5 The Parade, Southborough, Bromley, Kent.

UALIFIED (24), permanency, preferably Managership; good experience; good-class business; capable of taking charge; efficient; excellent references; at present engaged; London. 37/40, Office of this Paper.

UALIFIED (24), tall, free October 26, all-round experience, seeks position as Manager; South Lancs or Cheshire preferred. Higginbotham, 89 Nicholson Avenue, Macclesfield.

UALIFIED (28); 12 years' experience; Manager or Assistant; permanency; locum; disengaged; used to heavy N.H.I. and busy Counter. Wilfred Martin, 10 Agecroft Road, Pendlebury, Manchester.

SMART Assistant (22). Unqualified, studying Optics, desires further practical experience; small salary accepted; in or near London preferred. Please write 38/201, Office of this Paper.

SUPERINTENDENT or part-time for Pharmacist contemplating study; experienced; energetic; recommended; lowest salary. E., 12 Rutland Road, E.9.

UNQUALIFIED (bachelor), long experience sole control, desirous Managing small business or Drug Store. Heely, 259 Underhill Road, S.E.22.

UNQUALIFIED (36), disengaged, experienced, progressive, energetic, seeks situation London or South Suburbs. Williams, 132 Chadacre Road, Stoneleigh, Surrey.

UNQUALIFIED (40), married, 25 years pharmacy; 13 years last post, used Family and Dispensing Business, urgently seeks permanency; free now. "Eyms," Sunnymount, Seymour Road, Lee-on-Solent, Hants.

UNQUALIFIED (24) requires part-time; used to heavy Dispensing and Counter; Salesman, Ciné. Chapman, 31 Offley Road, S.W.9.

YOUNG Man (23), Unqualified, seeks permanent situation, anywhere; 7 years' London experience; good Salesman and Window-dresser; fast trade; no N.H.I. Dispensing. J. Poole, Drug Stores, King Street, Wimborne, Berks.

£100 AVAILABLE.—What offers to Qualified (26)? London only; free any time. P.C.B. 180/3, Office of this Paper.

WHOLESALE.

ACAPABLE, responsible, well-known Gentleman (50) desires re-engagement to Represent firm of indisputable integrity and principles; Professional and/or Trade Propaganda; Sales; Hants and West; own car; proper credentials. "Stability," c/o General Gordon Hotel, Weymouth.

A100 per cent. Salesman-Representative, with 16 years' strongly established connection Chemists, Hairdressers, Stores, whole of London; exceptional Sales records can be inspected by reputable house requiring live Representative; salary, commission, own car. Reliance, 18A Longbeach Road, S.W.11.

AREPRESENTATIVE with good-class connection Medical, Dental, Hospital and Pharmaceutical; resident in Edinburgh; very successful Salesman and Physician's Detailist; disengaged. Cascara, 8 Kaimes Road, Edinburgh, 12.

ADVERTISER (34) desires position in Wholesale House, South or Midlands, as Checker or Stock-keeper; 18 years' experience; hard worker; good timekeeper; highest references. 36/18, Office of this Paper.

EXPERIENCED Traveller, sound connection with Chemists in Monmouthshire and Glamorgan, desires to Represent a good established house on part expenses and commission. B., 49 Everswell Road, Fairwater, Cardiff.

HHIGH-CLASS Chemist (Chanel, Molyneux, Elizabeth Arden, etc.) desires change; English and foreign experience; good appearance and address; age 28; free one month. 268/697, Office of this Paper.

LIVE Representative (38), married, with sound established London and district Chemists' connection, 18 years' experience, own car, wants additional established line; commission and part expenses only considered. 268/700, Office of this Paper.

M.P.S., YOUNG, requires engagement as Representative, Pharmaceutical Products; own car. 11 Hillbrow Villas, East End Road, E. Finchley.

M.P.S. (32), Public School, good appearance, first-class Wholesale and Retail experience, desires Represent reputable firm, London or Home Counties; one who understands Retail Pharmacists' problems; own car. 37/15, Office of this Paper.

P.H.C., WELL known to trade in Northern Ireland, wants good selling lines, commission basis; use of car. 36/19, Office of this Paper.

WORKS Manager-Chemist; extensive experience Manufacturing, Packing, Cosmetic and Pharmaceutical Products; good Formulator and Perfumer; modern methods for competitive goods; several good lines to introduce; London area preferred. 37/17, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

BRITISHER (now visiting London), 30 years' residence Egypt, fluent French and Arabic, 7 years' experience Medical Propagandist, Egypt, Cyprus, Palestine, Syria and Irak, seeks Agencies, or would Travel for firm or group of firms in these countries; excellent references. P.C.B. 178/4, Office of this Paper.

FOR SALE.

(Articles to the value of £5-£50.)

CASH Register, National; prints and adds sales; perfect condition; must sell. Write R. Roan, 735 High Road, E.11.

MISCELLANEOUS.

CASH Registers, National, all kinds; total adders, ticket issuers, printers, etc.; box cash tills, fully guaranteed; no reasonable offer refused; all reliable makes bought, sold, exchanged, repaired; easy terms. Also Shop Fronts, Alterations, Fascias, Neon Signs, etc.; estimates free. Write, phone or call, AMALGAMATED BUSINESS MACHINES, LTD., 78 Long Lane, Smithfield, E.C.1. ('Phone: National 0674.) D. Deiches, Director. Satisfaction guaranteed.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate Glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shop Fitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

LIMITED COMPANIES REGISTRATION.—As the older Chemists know, this small advertisement has now appeared here for over 25 years. If an experienced agent, whose terms are somewhat lower than any quotation you can get anywhere, can help you, write for free advice to A. BERNARD SLACK, 721 Princess Road, West Didsbury, Manchester.

TREBLE'S for Shop Fronts, Second-hand Fittings, Show Cases, Dispensing Screens, Drug Drawers, Counters, Window Fittings. Send your requirements; personal attention; estimates to suit all; established over a century. 549 Lea Bridge Road, Leyton, London, E.10.

10 FT. Drug Fitting; 6 ft. Wall Case; 12 ft. Glass-fronted Counter, nests of Counter Drawers; 6 ft. Dispensing Screen and Counter Case; Personal Weighing Machine; Chair; all reconditioned and polished. PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerkenwell 2191. "Pharmacy fitters for over a century."

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.
Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 July Road, Liverpool

YOU CAN USE YOUR SPARE TIME

to Start a Mail Order Business that quickly brings you a full time income. Follow the lead of others who are averaging £12 per week net profits. Get away from a drudging routine job—join the big-money class. No previous experience necessary. Few pounds capital only needed. No samples or outfits to buy; no rent, rates or canvassing. New method makes success certain. Write today for FREE BOOKLET to **BUSINESS SERVICE INSTITUTE**, (Dept. 277c), 6 Carmelite Street, London, E.C.4.

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN.**FOR DISPOSAL.**

(Articles up to the value of £5.)

100 GROSS Small 3 Amber Tablet Bottles, capped 5s. Sanovia, Angell Road, Brixton.

WANTED.

COPPER Coating Pan; approx. 30 in. wide, 24 in. deep; Colton or Stokes type. Full particulars to 268/699, Office of this Paper.

HUMAN Skull; perfect; state price. "Dental Student," "High Lawn," Darwen, Lancs.

THE SUPPLY OF SUPPLEMENTS

On receipt of addressed Post Office

Wrappers (not more than six at a time)

stamped 1d. the Chemist and Druggist

Supplement will be forwarded without cost

LOOSE STAMPS WILL NOT BE ACCEPTED

If wrappers bear a halfpenny stamp only, postal delivery may be delayed.

THE CHEMIST & DRUGGIST COMPACT LIBRARY**PHARMACEUTICAL FORMULAS (P.F., Vol. I).**

The tenth edition of this, the most complete pharmaceutical formulary in the English language, is devoted to the official and semi-official preparations of practically every country in the world. This volume (published 1929) contains 1146 pages.

Price 15s., by post 15s. 9d.

PHARMAEOUTICAL FORMULAS (P.F., Vol. II).

Published 1934. Supplementary to Vol. I., and known as "The Chemist's Recipe Book." Contains formulas for adhesives, beverages, cleaning materials, culinary and household requisites, horticultural and agricultural preparations, inks, lozenges, perfumes, photographic preparations, polishes, soaps, toilet articles, varnishes, veterinary preparations, etc., including numerous descriptions of practical methods employed in their manufacture, and other information of use to pharmacists and manufacturers. Over 1000 pages.

Price 15s., by post 15s. 9d.

PHARMACEUTICAL BOTANY.

An attractively written book dealing with the plants mentioned in the examination syllabus of the various pharmaceutical examining bodies. A useful gift for apprentices and assistants who have not passed the qualifying examinations.

Price 5s., by post 5s. 4d.

THE ART OF DISPENSING.

The tenth edition of this well-known work has been thoroughly revised and considerably improved, while maintaining the features which have made it so popular with several generations of students. It is kept by chemists in the dispensary for ready reference in cases of difficulties arising in the course of the day's work.

Price 8s., by post 8s. 6d.

VETERINARY COUNTER PRACTICE.

Chemists interested in veterinary practice will find the work indispensable, as it deals with the ailments of horses, cattle, sheep, pigs, dogs, and poultry, and the

remedies that can be supplied. New edition 1930 (Eighth) brings this book thoroughly up to date.

Price 7s. 6d., by post 8s.

THE PHOTOGRAPHIC CHEMIST.

This is a concise guide to chemists commencing and carrying on a photographic department.

Price 3s. 6d., by post 3s. 8d.

DISEASES AND REMEDIES.

Now in its sixth edition (March, 1931). It has been carefully revised by an experienced medical practitioner and parts of the book have been rewritten.

Price 5s., by post 5s. 3d.

WOOTTON'S CHRONICLES OF PHARMACY.

In two vols., maroon cloth, comprising 770 pages.

Price 10s. 6d., by post 11s. 3d.

PRACTICAL METHODS OF URINE ANALYSIS.

The object of this book is to give chemists exactly the information they want on the subject. The book was written by a pharmacist who was an expert in this work, and has been revised by a medical practitioner and lecturer of long experience in clinical analysis. (Fourth Edition.) Contains 97 pages.

Price 4s., by post 4s. 3d.

THE CHEMISTS' DICTIONARY OF MEDICAL TERMS.

A small book which explains the meaning of medical terms as to which customers often inquire from chemists. In addition to concise definitions of these technical terms, notes are given on the treatment of the more important ailments.

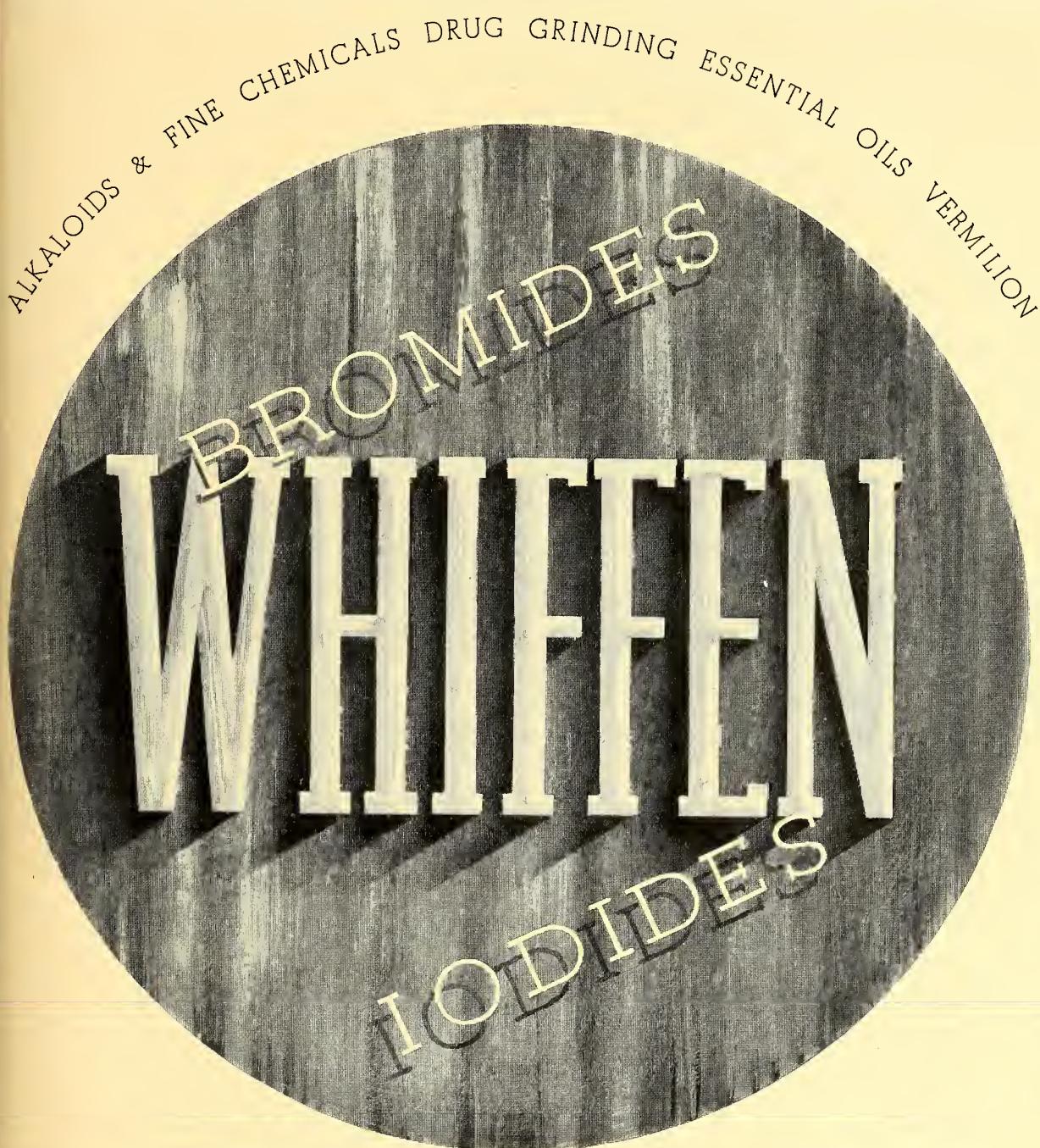
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